TABLE OF CONTENTS

PANDUIT® NETWORK CONNECTIVITY SOLUTIONS

Panduit Network Connectivity Solutions . . . . . vi-vii
Commercial/Highrise. . . . . viii - ix
Healthcare. . . . . x - xi
Educational . . . . . xii - xiii
Manufacturing . . . . . xiv - xv
Panduit's Interactive Information System xvi

CABLE TERMINATION SOLUTIONS 1

CATEGORY 6* TWISTED PAIR SOLUTIONS 2

GIGA-CHANNEL™ MINI-JACK™ TX-6™ Modular Jack 3
GIGA-CHANNEL MINI-JACK TX-6 Shuttered Modular Jack 3
GIGA-CHANNEL MINI-JACK TX-6 Shielded Modular Jack 3
Grounding Kit 3
GIGA-CHANNEL TX-6 Patch Cords 4
GIGA-CHANNEL TX-6 Shielded Patch Cords. 4
GIGA-CHANNEL MINI-JACK Termination Tool 4
GIGA-CHANNEL TX-6 Modular Patch Panel Kit 4
DATA-PATCH™ GIGA-PUNCH™ Style Category 6 Pre-Configured Patch Panels 5
GIGA-PUNCH Category 6 — 19" Rack Mount Panel Kit. 5
GIGA-PUNCH Category 6 High Density Termination Kits. 5
GIGA-PUNCH Category 6 Standard Density Termination Kits 5
GIGA-PUNCH Category 6 — High Density Bases 5
GIGA-PUNCH Category 6 — Standard Density Bases. 6
GIGA-PUNCH Category 6 — 4-Pair Connecting Blocks 6
GIGA-PUNCH Jumper Troughs. 6
GIGA-PUNCH Category 6 Patch Cords 7
GIGA-PUNCH Termination Tools for Connecting Blocks 7

CATEGORY 5E, 5 AND 3 TWISTED PAIR SOLUTIONS 9

MINI-JACK TX-5e™ Modular Jack. 10
MINI-JACK TX-5e Shuttered Modular Jack. 10
MINI-JACK TX-5e Shielded Modular Jack. 10
MINI-JACK Category 5e Modular Jack. 10
MINI-JACK Category 5e Modular Jack with Micro-Cap 11
MINI-JACK TX-5™ Modular Jack. 11
MINI-JACK Category 3 Modular Jacks 11
RJ48X Modular Jack. 11
Snap Tool 12
Crimped Coax Connectors. 12
Crimping Tools 12
MINI-COM® Modules 13-14
PAN-PUNCH™ Category 5e 110 Connecting Blocks 14
PAN-PUNCH Category 5e Bases. 15
PAN-PUNCH Jumper Troughs. 15
PAN-PUNCH Category 5e Field Terminated 110 System Kits 15
PAN-PUNCH Category 5e 110 Patch Connectors 16
Factory Assembled Category 5e 110 Patch Cord Assemblies. 16
PAN-PUNCH Category 5e 110 Tower System 17
19" Rack Mount Bracket Kits—Used with 110 Tower Systems and
Vertical Cable Managers for Attachments to 19" Racks 17
PAN-PUNCH Vertical Cable Managers for 110 Tower System 17
PAN-PUNCH 19" Rack Mount Panels 18
PAN-PUNCH Category 3 Pre-Wired Assemblies 19
110 Punchdown Tools. 19
DATA-PATCH 110 Style Category 5e Pre-Configured Patch Panels 20
High Performance DATA-PATCH 110 Style Category 5e Pre-Configured Patch Panels 20
DATA-PATCH 10/100Base-T Patch Panel and Cable Assemblies 21
PAN-PLUG™ High Performance Modular Plugs 22
POWERSUM+™ Enhanced Category 5 Patch Cords 22
Category 5 Shielded Patch Cords. 22

*Proposed Category 6 Industry Specifications

FIBER CABLING SOLUTIONS . . . 23
OPTI-JACK® Fiber Optic Connector Modules . . . 24
OPTI-JACK Fiber Optic Connectors — Pre-polished Multimode Jacks . . . 24
OPTI-JACK Fiber Optic Connectors — Replacement Ferrules . . . 24
OPTI-JACK Plug to Plug Multimode/Singlemode Adapter Module . . . 25
ST and SC Fiber Optic Connectors . . . 25
Optical Fiber Termination Kits . . . 25
Components for Standard Fiber Optic Termination Kit (FJKITG) . . . 26
Components for OPTI-JACK Pre-Polished Fiber Optic Connector Termination Kit (FJQKIT/FJMKIT) . . . 26
Furcation Kit . . . 27
Fan Out Kit . . . 27
MINI-COM® In-Wall Fiber Spool . . . 27
New Patch Cord Part Number Designation . . . 27
OPTI-JACK Optical Fiber Patch Cords — Multimode 62.5/125µm . . . 28
ST and SC Optical Fiber Patch Cords — Multimode 62.5/125µm . . . 28-29
OPTI-JACK Optical Fiber Patch Cords — Singlemode 9/125µm . . . 29
ST and SC Optical Fiber Patch Cords — Singlemode 9/125µm . . . 30
OPTI-JACK Optical Fiber Patch Cords — Multimode 50/125µm . . . 30-31
ST and SC Optical Fiber Patch Cords — Multimode 50/125µm . . . 31
OPTICOM™ Fiber Optic Rack Mount Enclosures . . . 32
OPTICOM Fiber Optic Rack Mount Enclosures with ST Adapter Panels . . . 32
OPTICOM Fiber Optic Rack Mount Splice Enclosures . . . 33
OPTICOM Fiber Optic Wall Mount Enclosures . . . 33
OPTICOM Trays . . . 34
OPTICOM Trays with Fiber Adapter Patch Panels . . . 34
Fiber Adapter Patch Panels . . . 34
OPTICOM Drawers . . . 35
OPTICOM Drawers with Fiber Adapter Patch Panels . . . 35
Splice Tray Kit and Splice Tray Stacking Unit . . . 35
Fiber Adapter Panel for Bend Radius Control . . . 35
Multi-Media Modular Panels — For use with OPTICOM Drawers and Enclosures . . . 36
Blank Modular Panels . . . 36
Fiber Optic Adapter Panels — For use with OPTICOM Drawers and Enclosures . . . 36
Fiber Optic Adapter Panels — For use with FRME72E5BL OPTICOM Enclosure . . . 36

WORK AREA OUTLET SOLUTIONS . . . 37
MINI-COM Classic Series Faceplates with Label and Label Cover . . . 38
MINI-COM Classic Series Dedicated Sloped Faceplates . . . 38
MINI-COM Classic Series Vertical Faceplates . . . 39
MINI-COM Classic Series Horizontal Faceplates . . . 39
MINI-COM Classic Series Faceplate Kits . . . 39
MINI-COM Executive Series Faceplates . . . 40
MINI-COM Sloped Executive Series Faceplate Kit . . . 40
MINI-COM Faceplate Frames for Sloped, Flat and Blank Module Inserts . . . 40
MINI-COM Modular Inserts . . . 41
MINI-COM "GFCI" Decora Module Frames . . . 41
MINI-COM "106" Duplex Module Frame . . . 42
Classic Series Faceplates for Power or Communication Applications . . . 42
Executive Series Faceplates . . . 42
Stainless Steel Faceplates . . . 43
Wall Board Adapters . . . 43
In-Wall Box Adapters . . . 43
MINI-COM Snap-On Modular Furniture Faceplates . . . 44-45
Tombstone (Floor Box) Adapter Plates . . . 45
MINI-COM Punch Die . . . 45
2" Round Faceplates . . . 45
Walker Adapter . . . 46
MINI-COM Surface Mount Boxes . . . 46
MINI-COM Multi-Media/Fiber Surface Mount Boxes . . . 47
Optional Magnet . . . 47
Icons . . . 47
Screw Covers for Faceplate and Surface Boxes . . . 48
Label/Label Cover Kit . . . 48
Label/Label Cover Kits with Screws . . . 48
Bulk Package Faceplates . . . 48

TABLE OF CONTENTS

CABLE MANAGEMENT SOLUTIONS 49

TELECOMMUNICATIONS CLOSET SOLUTIONS 50
MINI-COM Snap-In 4 Port Faceplate Patch Panels 51
MINI-COM Snap-In 6 Port Faceplate Patch Panels 51
MINI-COM All Metal Modular Patch Panels 51
MINI-COM All Metal Modular Patch Panel with Strain Relief Bar 52
MINI-COM 12 Port Snap-In Faceplate Patch Panel 52
MINI-COM 12 Port Snap-In Faceplate Patch Panel — 89D Mount 52
GIGA-TX™ Modular Jacks for Patch Panels 52
NETFRAME™ Rack System 53
Panduit® Standard EIA19" Racks 53
Vertical Cable Management System 54
Horizontal Cable Management System 55
New Hinged Covers 55
OPEN-ACCESS™ Cable Management Components 56
Cable Management D-Rings 56
IN-Cabinet Vertical Cable Management Solutions 57
Cable Management Accessories 57
Hinged Wall Brackets 58
Filler Panels 58

FIBER-DUCT™ ROUTING SYSTEM 59
FIBER-DUCT Routing System Roadmap 60
FIBER-DUCT Solid and Slotted Wall Wiring Duct 61
FIBER-DUCT System Fittings 62
FIBER-DUCT Innerduct Transition Fittings 63
FIBER-DUCT Mounting Brackets 63-64
FIBER-DUCT Adapter 64
FIBER-DUCT Bend Radius Control Trumpet 65
FIBER-DUCT Accessories 65
Quick Wire Fill Capacity for FIBER-DUCT Type E or Type S 66

WIRING DUCT 68
Wiring Duct 68
Wiring Duct Tools 69
Wiring Duct Accessories 69-70
FIBER-DUCT Bend Radius Control Trumpet 70

NETWORK CABLE TIE AND ACCESSORY SYSTEMS 71
TAK-TY™ Hook & Loop Cable Ties 73
BELT-TY™ IN-LINE Cable Ties 74
DOME-TOP® BARB-TY® Cable Ties 75
DOME-TOP BARB-TY Clamp Ties 75
DOME-TOP BARB-TY Marker Ties 76
PAN-TY® Cable Ties 76
PAN-TY Marker Ties 77
PAN-TY Clamp Ties 77
In-Plenum Cable Ties 77
Cable Tie Part Number System 78
Color and Material of Panduit Cable Ties 78
Cable Tie Color & Material Availability 78-79
PAN-STEEL™ Stainless Steel Superior Grip Cable Ties — WAVE-TY™ Series 80
PAN-STEEL Stainless Steel Cable Ties for Plenum Use — MLT Series 80
Nylon Coated Stainless Steel Cable Ties — MLTC Series 81
Cable Tie Installation Tools 81
Cabling Mounts and Clips 82
Adhesive Backed Cord Clips 82
CLINCHER™ Adhesive Backed Clamp 82
Adhesive Backed Bevel Entry Retainer 82
Latching & Releasable Wire Clip 83
Latching & Releasable Clip 83
Wire Saddles 83
Optical Fiber Network Saddle 83
Optical Fiber Network Saddle (Dual Capacity) 84
Twister Push Mounts 84
Flat Post Standoff 84
Tie Mounts - Mechanically Applied 84
Communication Cable Management Kit for Cabinets 85
Corrugated Loom Tubing for Fiber Optic Applications 85
Spiral Wrap 85

NETWORK CABLE TIE AND ACCESSORY SYSTEMS (continued...)
Panduit® Adhesive Lined Grommet Edging 86
HSTTV Heat Shrink in 6" (152.4mm) Pieces and 25' (7.6mm) Reels 86
Heat Shrink Accessories 87
Foam Mounting Tape 87

CABLE ROUTING SOLUTIONS 89

PAN-WAY™ T-70 AND TWIN-70 NON-METALLIC SURFACE RACEWAYS 90
PAN-WAY T-70 and Twin-70 Roadmap 91
PAN-WAY T-70 Configurations 92-93
PAN-WAY Twin-70 Configurations 94
PAN-WAY T-70 Surface Raceway Base and Cover 95
Type T-70 Fittings 95-96
WORKSTATION OUTLET CENTER™ Offset Box for T-70 Raceway 96
PAN-WAY Twin-70 Surface Raceway Base and Cover 97
Type Twin-70 Fittings 98
Type T-70 and Twin-70 Raceway Accessories 99
T-70 Snap-On Fiber Spool Bracket 99
Quick Wire Fill Capacities for T-70 Raceway 100
Quick Wire Fill Capacities for Twin-70 Raceway 101

PAN-WAY T-45 NON-METALLIC SURFACE RACEWAY 103
PAN-WAY T-45 Surface Raceway Roadmap 104
PAN-WAY T-45 Raceway Configurations 105-106
PAN-WAY T-45 Surface Raceway Base and Cover 107
Type T-45 Fittings 107-108
Type T-45 Raceway Accessories 108
PAN-WAY WORKSTATION OUTLET CENTER™ Offset Box for T-45 Raceway 108
Quick Wire Fill Capacities for T-45 Raceway 109
Classic Series Faceplate for Power and Communication Applications 110
PAN-WAY Classic Series Snap-On Faceplates 110-111
PAN-WAY U.S. Style Electrical Outlets 112
PAN-WAY FAST-SNAP™ Surface Mount Outlet Boxes 112
PAN-WAY Low Voltage Surface Mount Outlet Boxes 112-113
PAN-WAY Power Rated Surface Mount Outlet Boxes 113-114
PAN-WAY Surface Mount Outlet Box with 20A Electrical Outlet 114
PAN-WAY Divided Surface Mount Outlet Boxes 115
Raceway Adapters 115
Selection Chart for using PAN-WAY Surface Raceways with PAN-WAY Surface Mount Outlet Boxes 116
Floor Guard 117
Magnet Strip 117

PAN-WAY LD PROFILE NON-METALLIC SURFACE RACEWAYS 119
PAN-WAY LD Profile Non-Metallic Raceway Data and Power — Roadmap 120
PAN-WAY LD Profile Non-Metallic Raceway Data Only — Roadmap 121
PAN-WAY LD Profile Non-Metallic Raceway Power Only — Roadmap 122
PAN-WAY LD Profile Raceway Configurations 123-124
PAN-WAY Type LD2P10 Multi-Channel Surface Raceway 125
Fittings for Multi-Channel Applications 125
PAN-WAY Type LDP Surface Raceway 126
LD/LDP/LD2P Raceway Installation Tool 126
PAN-WAY Type LD Surface Raceway 127
PAN-WAY Surface Raceway Cutting Tool 127
PAN-WAY Type LDS Surface Raceway 128
Accessories — Mounting Straps 128
Standard Fittings for Low Voltage Applications 129
1" Bend Radius for TIA/EIA Compliance 129
Power Rated Fittings for Power to 600V 130
Quick Wire Fill Capacities for LD Profile Raceways 131

PAN-WAY TYPE PD NON-METALLIC SURFACE RACEWAY 133
PAN-WAY Type PD Surface Raceway — Roadmap 134
PAN-WAY Type PD Raceway Configurations 135
PAN-WAY Type PD Surface Raceway 136
PAN-WAY Type PD Raceway Fittings 137
Raceway Adapters 137
Quick Wire Fill Capacities for Type PD Raceway 138

TABLE OF CONTENTS

PAN-WAY™ TE-70 NON-METALLIC SURFACE RACEWAY 139
PAN-WAY TE-70 Surface Raceway Roadmap 140
PAN-WAY TE-70 Raceway Configurations 141
PAN-WAY TE-70 Surface Raceway Base and Cover 142
Type TE-70 Fittings 142
Type TE-70 Raceway Accessories 143
Fill Capacities for TE-70 Raceway 144

PAN-WAY TYPE T NON-METALLIC SURFACE RACEWAY 145
PAN-WAY Type T Surface Raceway Roadmap 146
PAN-WAY Type T130 Raceway Configurations 147-148
PAN-WAY Type T170 Raceway Configurations 149
PAN-WAY Type T Surface Raceway Base and Cover 150
Type T Raceway Accessories 150
Type TE-70 Raceway Fittings 151
PAN-WAY Type T Box and Pre-Cut Cover 151
Snap-On Faceplate Pre-Cut Covers (for Snap-On Modular Furniture Faceplates) 152
T130 Hanging Device Bracket and Molded Covers (for T130 Size Raceway ONLY) 152-153
Quick Wire Fill Capacities for T Raceway 154

PAN-POLE™ ALUMINUM OUTLET POLE 155
PAN-POLE Aluminum Outlet Pole — Roadmap 156
PAN-POLE Aluminum Outlet Pole Configurations 157
PAN-POLE Aluminum Outlet Pole Components 158
PAN-POLE Standard Faceplate Bracket (for Data) 159
Installing Standard Screw-On Communication faceplates into the Aluminum Outlet Pole 159
Installation of PAN-NET™ MINI-COM® Modules into the PAN-POLE Aluminum Outlet Pole 160
Installing Vertical Sloped Snap-On Communication Faceplates into the Aluminum Outlet Pole 160
PAN-POLE Aluminum Outlet Pole Included Mounting Hardware 160
Quick Wire Fill Capacities for PAN-POLE Aluminum Outlet Pole 161

NETWORK IDENTIFICATION SYSTEMS 163

Label and Printer Combinations for a variety of Applications 164
Printers 165-166
PTR2E Thermal Transfer Printer 165
PTR3 Thermal Transfer Printer 166
PAN-QUIK™ LS3E Hand-Held Dot-Matrix Printer 166
Permanent Marking Pens 166
PAN-MARK™ for WINDOWS^ Labeling Software 167
Cable Labeling 168
Self-Laminating Adhesive Labels 168-169
Self-Laminating, Write-On Self-Adhesive Cable Label Books (PSCB) and Dispensers (PLD) 169
Self-Laminating Write-On Fiber Optic Cable Marker Rigid (Non-Adhesive) Tag 169
Preprinted Fiber Optic Cable Markers 170
Self-Laminating Cable Marker Holders and Labels for Large Cables or Cable Bundles 170
Patch Panel Labels 171
110 Punchdown System Labels 171-172
Port Identification Labels 172
MINI-JACK™ Modular Jack and OPTI-JACK® Fiber Optic Jack Wrap-Around Labels 172
Surface Mount Box Port Identification Labels 173
Outlet Identification labels 174-177
Color Selection Guide 178
Material Specifications 178

Alphanumeric Part Number Index 179-191
Panduit PAN-NET™ Guarantee 192

^ WINDOWS is registered trademark of Microsoft Corp.

PANDUIT NETWORK CONNECTIVITY SOLUTIONS

Set the Industry Standard in Cable Termination, Management, Routing and Identification...

PERFORMANCE

Panduit solutions exceed IEC and TIA specifications with multiple fiber optic and copper cabling vendors for maximum, reliable throughput.

RELIABILITY

Your structured cabling solution is subject to much daily wear and tear. The Panduit 45-year tradition of quality will be your key to long term network efficiency.

AESTHETICS

Panduit seamless solutions are as functional and aesthetically pleasing on the shop floor as they are in the boardroom.

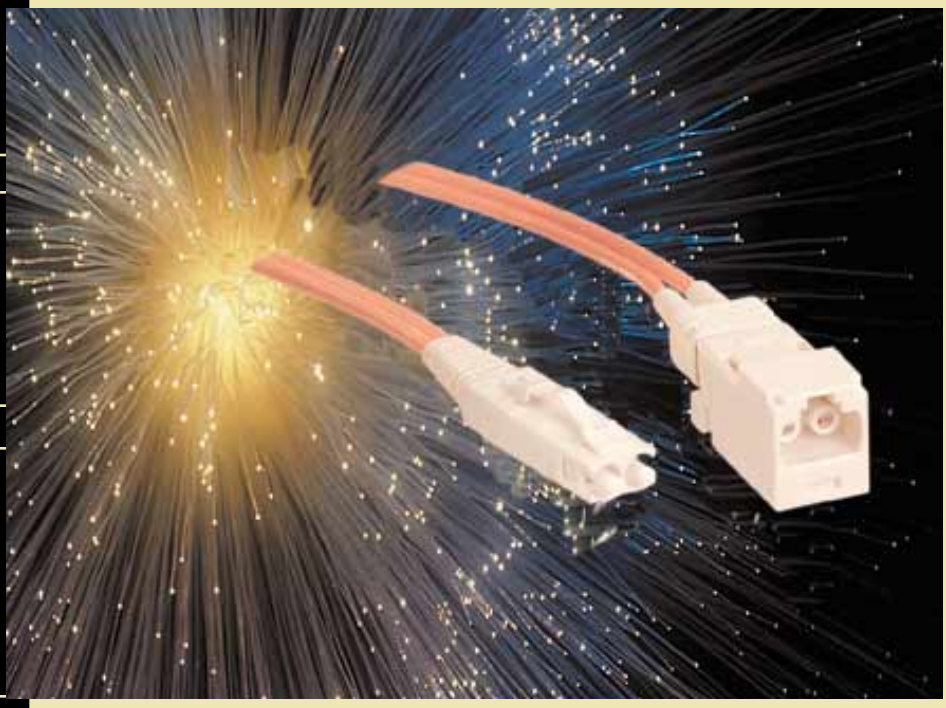
ERGONOMICS

End users often interact directly with the cabling infrastructure. So every Panduit solution is designed to be installer and end user friendly.

VALUE

Your cabling infrastructure impacts your long-term network costs. The Panduit goal is to deliver the greatest overall value without sacrificing performance or reliability.

No other company in the world provides a broader range of TIA compliant structured cabling solutions...combined with the freedom to choose the high performance cabling supplier that best suits the unique needs of your networking environment. In fact, Panduit supplies next generation products for every aspect of network and cabling connectivity — except the cable. Engineered for maximum performance and compatibility, Panduit structured cabling solutions address TIA-568 (IEC11801) Commercial Cabling Standards and the latest TIA-569 Cable Pathways and TIA-606 Cable Identification Standards.



In today's gigabit world, Panduit termination products ensure maximum performance for years to come. The fully modular series of jacks and associated patch cords available from the Panduit Network Connectivity Group is designed to exacting standards to ensure easy installation and long-term reliability.

For decades, the Panduit brand is synonymous with products that properly manage cable. Now, as the world leader in cable ties and wiring duct, Panduit offers the market's most complete selection of communications cabling management solutions. Panduit cable management components streamline and support your entire infrastructure...from the closet to the workstation.

The Panduit Network Connectivity Group is the premier global source for bend-radius controlled TIA-569 compliant systems. These products are designed to fully integrate with the high performance cabling requirements of TIA-568 (IEC11801). Aesthetically pleasing and tamper resistant, they are a must for solid wall applications in educational facilities and work environments.

Proper identification and administration of your cabling infrastructure is crucial to maintain your network up-time. Moves, adds, changes and routine maintenance to your infrastructure will be handled most efficiently when all components are correctly identified.

WORLD CLASS DISTRIBUTION

All components for your Panduit Network Connectivity Solution are available through world class distribution partners...sources that are also the industry's favored suppliers of the major names in cabling.

REGISTERED INSTALLERS

Panduit contractor partners are registered under our PSC program and stand ready to service your structured cabling needs worldwide.

WARRANTY PROGRAM

Panduit contractor partners are eligible to submit installations for coverage under the *Certification Plus*℠ Warranty Program.

CABLING PARTNERS

Top performing networks need the best cabling and connectivity products available. Because no single supplier can match the exact needs of every application, Panduit's policy of freedom of cable choice is

To view the Network Connectivity Schematics which appear on pages viii-xv of the printed catalog, click on “Network Connectivity Schematics”, in the same drop-down list as this catalog.

Panduit's Interactive Information System

Features:

- **Product Information**
  - Specification Sheets
  - Installation Instructions
  - Customer Part Drawings
  - Catalogs
- **Support Programs**
  - Product Training
  - Pricing Inquiries
  - Technical Support/Feedback/Information Requests

VISIT OUR

www.panduit.com/ncg

WEBSITE

PANDUIT®
NETWORK CONNECTIVITY GROUP

The world's most powerful, durable and efficient structured cabling systems rely upon innovative **cable termination solutions** designed and manufactured by the *PANDUIT NETWORK CONNECTIVITY GROUP*.

GIGA-CHANNEL™ MINI-JACK TX-6™ Modular Jack

GIGA-PUNCH™ High Density Punchdown System

OPTI-JACK® Duplex Fiber Optic Connectors

The *PANDUIT NETWORK CONNECTIVITY GROUP* is a world leader in copper and fiber optic cabling termination devices. Solutions focus upon maximum performance, ease of installation and use, proper ergonomics and long-term reliability.

The *PANDUIT NETWORK CONNECTIVITY GROUP* offers the products to fit a variety of applications including Category 6*, Category 5e, Category 5, Category 3 and multimode and singlemode fiber optic connectivity. From unique connectors like the Duplex *OPTI-JACK* Fiber Optic Connector and *GIGA-TX*™ style copper connectors to industry standard connector types like ST and SC Connectors, the *PANDUIT NETWORK CONNECTIVITY GROUP* incorporates proven designs for maximum reliability and performance.

Panduit's *MINI-COM*® system provides absolute modularity and high density. All *MINI-COM* copper and fiber modules snap in and out of all *MINI-COM* outlets and patch panels making future system upgrades quick and easy!

*Proposed Category 6 Industry Specifications

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

CATEGORY 6* TWISTED PAIR SOLUTIONS

GIGA-CHANNEL™ MINI-JACK TX-6™ Modular Jack

GIGA-PUNCH™ High Density Punchdown System

GIGA-TX™ Technology

The PANDUIT NETWORK CONNECTIVITY GROUP offers the GIGA-CHANNEL System to provide a solution for worldwide Category 6 cabling applications. The GIGA-CHANNEL System includes the MINI-JACK TX-6 Modular Jack, the GIGA-PUNCH Punchdown System, TX-6 Patch Cords and TX-6 Modular Patch Panels.

Using Panduit's unique GIGA-TX Technology, the MINI-JACK TX-6 Modular Jack continues Panduit's tradition of high performance and ease of installation. The TX-6 Modular Jack retains critical conductor pair twists through a forward motion termination. The GIGA-TX termination also places no localized stress on critical internal components for maximum reliability.

The GIGA-PUNCH Category 6 Punchdown System is the world's first high density, high performance connecting block solution. This revolutionary product allows for the termination of up to 44% more voice and data cables in the same space as conventional 110 style connecting blocks. The GIGA-PUNCH System provides much more than just high density, this system provides performance in excess of the latest TIA Category 6 standards.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

NEW! GIGA-CHANNEL™ MINI-JACK TX-6™ Modular Jack

- Exceeds all proposed Category 6 connector requirements including Powersum, ACR, ELFEXT and Return Loss
- Features a revolutionary new termination method which speeds installation and reduces conductor untwists to provide superior performance
- Can be clearly identified with labels found on page 172

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL MINI-JACK TX-6 Modular Jack					
CJ688TIW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes	1	Off White	1	50
CJ688TIW-C		1	Off White	100	1000

‡Other colors available. See color chart below.
Also works with modular patch panels found on page 51.
CJ688TBL-24 specifically packaged for modular patch panels, see page 52.

NEW! GIGA-CHANNEL MINI-JACK TX-6 Shuttered Modular Jack

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL MINI-JACK TX-6 Shuttered Modular Jack					
CJD688TIW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes	1	Off White	1	50

‡Other colors available. See color chart below.

NEW! GIGA-CHANNEL MINI-JACK TX-6 Shielded Modular Jack

Part Number	Description	No. of Module Spaces	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL MINI-JACK TX-6 Shielded Modular Jack				
CJS688T	8 position, 8 wire shielded modular jack with one piece shield	1	1	50

Grounding Kit

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Grounding Kit			
CJSGK-X	Grounding kit for shielded applications	10	100

Standard Color ‡:

IW
Off White

Color shown is approximate.

For other colors, substitute IW with:

EI	WH	IG	BL	OR
Elec. Ivory	White	Int. Gray	Black	Orange
RD	**BU**	**GR**	**YL**	**VL**
Red	Blue	Green	Yellow	Violet

Colors shown are approximate.

*Proposed Category 6 Industry Specifications

GIGA-CHANNEL™ TX-6™ Patch Cords

- Features Next Generation stranded cable and enhanced performance modular plugs with GIGA-TX™ Technology for superior performance
- Offered in a variety of sizes and colors to meet individual length and color coding requirements

Part Number	Description	Color‡	Length Ft	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL TX-6 Patch Cords					
UTPCTG3	GIGA-CHANNEL Patch Cords for use with TX-6 Modular Jacks (CJ688T)	Off White	3	1	10
UTPCTG5		Off White	5		
UTPCTG7		Off White	7		
UTPCTG9		Off White	9		
UTPCTG14		Off White	14		
UTPCTG20		Off White	20		

‡For other colors add suffix BL (Black), BU (Blue), GR (Green), RD (Red) and YL (Yellow) after part number.

GIGA-CHANNEL TX-6 Shielded Patch Cords

Part Number	Description	Boot Color‡	Length m	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL TX-6 Shielded Patch Cords					
STPCTG1MBBL	8 conductor modular jack to modular jack cord	Black	1	1	10
STPCTG2MBBL		Black	2	1	10
STPCTG3MBBL		Black	3	1	10
STPCTG5MBBL		Black	5	1	10

‡For other boot colors replace BL (Black) with suffix BU (Blue), GR (Green), RD (Red) and YL (Yellow).

GIGA-CHANNEL MINI-JACK™ Termination Tool

- Optional termination tool provides a quick and easy termination of GIGA-CHANNEL MINI-JACK Modular Jacks
- Eliminates the need for slip lock pliers and insures conductors are fully terminated

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL MINI-JACK Termination Tool			
CGJT	Terminates GIGA-CHANNEL MINI-JACK Modular Jacks	1	10

GIGA-CHANNEL TX-6 Modular Patch Panel Kit

- Features the new GIGA-CHANNEL MINI-JACK TX-6 Modular Jack with GIGA-TX Technology provided in a modular patch panel kit
- Available in 24 or 48 port versions with color coded wiring schemes for T568A and T568B wiring schemes
- Can clearly be identified with labels shown on page 171

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-CHANNEL TX-6 Modular Patch Panel Kit				
CPPKTG24WBL	Patch Panel supplied with 6 CFFP type Snap-In Faceplates and 24 GIGA-CHANNEL MINI-JACK TX-6 Modular Jacks	1	1	10
CPPKTG48WBL	Patch Panel supplied with 12 CFFP type Snap-In Faceplates and 48 GIGA-CHANNEL MINI-JACK TX-6 Modular Jacks	2	1	10

^ One Rack Space = 1.75" (44.45mm)

*Proposed Category 6 Industry Specifications

Category 6 Performance

DATA-PATCH™ GIGA-PUNCH™ Style Category 6 Pre-Configured Patch Panels

Available 3rd quarter, 2000

Part Number	Description	Number of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
24 Port DATA-PATCH GIGA-PUNCH Style Category 6 Patch Panels				
DP24688WGP	Universal T568A and T568B Wiring Scheme — 8 position, 8 wire	1	1	10
48 Port DATA-PATCH GIGA-PUNCH Style Category 6 Patch Panels				
DP48688WGP	Universal T568A and T568B Wiring Scheme — 8 position, 8 wire	2	1	10
96 Port DATA-PATCH GIGA-PUNCH Style Category 6 Patch Panels				
DP96688WGP	Universal T568A and T568B Wiring Scheme — 8 position, 8 wire	4	1	10

^ One rack space = 1.75" (44.45mm)

GIGA-PUNCH™ Category 6 — 19" Rack Mount Panel Kit

GPB484R2

GPB484R4WJ

Part Number	Description	Rack Space^	Std. Pkg. Qty.
GPB484R2	19" rack mount panel 48 port without jumper trough — Six 4-pair per row, terminates 192 pair.	2	1
GPB484R4WJ	19" rack mount panel 48 port with jumper trough — Six 4-pair per row, terminates 192 pair.	4	1

Kit includes panel, bases, 4-Pair connecting blocks, label holders and labels
^ One rack space = 1.75" (44.45mm)

GIGA-PUNCH Category 6 High Density Termination Kits

GPKBW144

GPKBW432

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-PUNCH High Density Termination Kits			
GPKBW144	144-Pair high density field termination kit with legs	1	10
GPKBW432	432-Pair high density field termination kit with legs	1	10

Kit includes base, 4-Pair connecting blocks, label holders and labels

GIGA-PUNCH Category 6 Standard Density Termination Kits

GPKBW24

GPKBW72

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-PUNCH Standard Density Termination Kits			
GPKBW24	24 port base field termination kit (96-pair) with legs	1	10
GPKBW72	72 port base field termination kit (288-pair) with legs	1	10

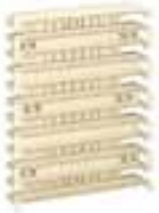
Kit includes base, 4-Pair connecting blocks, label holders and labels

*Proposed Category 6 Industry Specifications

GIGA-PUNCH™ Category 6* — High Density Bases

GPB144-X

GPBW144-X


GPB432-X

GPBW432-X

Part Number	Description	Std. Pkg. Qty.
Category 6 — High Density/144-Pair Base — Without Mounting Legs		
GPB144-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 144 pair) (Nine 4-pair per row)	10 pcs.
Category 6 — High Density/144-Pair Base — With Mounting Legs		
GPBW144-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 144 pair) (Nine 4-pair per row)	10 pcs.
Category 6 — High Density/432-Pair Base — Without Mounting Legs		
GPB432-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 432 pair) (Nine 4-pair per row)	10 pcs.
Category 6 — High Density/432-Pair Base — With Mounting Legs		
GPBW432-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 432 pair) (Nine 4-pair per row)	10 pcs.

Note: All high density bases are designed to work with most round cable with maximum outside diameter of .200"
Note 2: When stacking high density bases see *GIGA-PUNCH* High Density installation instructions (PN153).

GIGA-PUNCH Category 6 — Standard Density Bases

GPB24-X

GPBW24-X

GPB72-X

GPBW72-X

Part Number	Description	Std. Pkg. Qty.
Category 6 — 24 Port /4-Pair Base — Without Mounting Legs		
GPB24-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 96 pair) (Six 4-pair per row)	10 pcs.
Category 6 — 24 Port /4-Pair Base — With Mounting Legs		
GPBW24-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 96 pair) (Six 4-pair per row)	10 pcs.
Category 6 — 72 Port /4-Pair Base — Without Mounting Legs		
GPB72-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 288 pair) (Six 4-pair per row)	10 pcs.
Category 6 — 72 Port /4-Pair Base — With Mounting Legs		
GPBW72-X	Positions and holds UTP wire for termination with Category 6 — 4-pair Connecting Blocks. (Terminates 288 pair) (Six 4-pair per row)	10 pcs.

GIGA-PUNCH Category 6 — 4-Pair Connecting Blocks

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
GPCB4-X	Dual IDC terminates discrete wires from Category 6 cable. (Cross-connect end of connecting block accepts discrete wires or a patch cord connector).	10 pcs.	1000 pcs.
GPCB4-C		100 pcs.	1000 pcs.

GIGA-PUNCH Jumper Troughs

Part Number	Description	Std. Pkg. Qty.
P110JTW-X	Jumper trough with mounting legs. Provides optimum cable management when used with *GIGA-PUNCH* Bases. Mounting legs allow cables to be routed behind bases.	10 pcs.
P110JT-X	Jumper trough without mounting legs. Provides optimum cable management for *GIGA-PUNCH* Bases mounted on panels or frames.	10 pcs.

*Proposed Category 6 Industry Specifications

GIGA-PUNCH™ Category 6 Patch Cords

GPPC4IG*

GPPC4IG*A

GPPC4IG*B

Part Number	Description	Length Ft	Std. Pkg. Qty.	Std. Ctn. Qty.
GPPC4IG3	Factory terminated patch cord assembly. One 4 pair GIGA-PUNCH Connector on each end.	3	1	10
GPPC4IG5		5		
GPPC4IG7		7		
GPPC4IG9		9		
GPPC4IG14		14		
GPPC4IG20		20		
GPPC4IG3A	Factory terminated patch cord assembly. One 4 pair GIGA-PUNCH Connector wired to a RJ45 PAN-PLUG™ 568A Wiring.	3	1	10
GPPC4IG5A		5		
GPPC4IG7A		7		
GPPC4IG9A		9		
GPPC4IG14A		14		
GPPC4IG20A		20		
GPPC4IG3B	Factory terminated patch cord assembly. One 4 pair GIGA-PUNCH Connector wired to a RJ45 PAN-PLUG 568B Wiring.	3	1	10
GPPC4IG5B		5		
GPPC4IG7B		7		
GPPC4IG9B		9		
GPPC4IG14B		14		
GPPC4IG20B		20		

GIGA-PUNCH Termination Tools for Connecting Blocks

GPDTM

GPDT

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
GIGA-PUNCH 4-Pair Punchdown Tool			
GPDTM	Inserts and cuts off up to 4-pairs at a time.	1 pc.	10 pcs.
GIGA-PUNCH 4-Pair Replacement Head Assembly			
GPDTMH	Replacement head assembly for 4-pair punchdown tool. Includes stuffer and cut off blade. Fits competitive handles.	1 pc.	10 pcs.
GIGA-PUNCH 4-Pair Replacement Blade			
GPDTMB	Replacement blade for 4-Pair Punchdown tool.	1 pc.	10 pcs.
GIGA-PUNCH Single Pair Punchdown Tool			
GPDT	Single punchdown tool and blade for GIGA-PUNCH style IDC's. Terminates and cuts UTP cable in one operation.	1 pc.	—
GIGA-PUNCH Replacement Blade			
GPDTB	Replacement blade for GIGA-PUNCH single pair punchdown tool.	1 pc.	—

*Proposed Category 6 Industry Specifications

CATEGORY 5e, 5 AND 3 TWISTED PAIR SOLUTIONS

PAN-PUNCH™ High Density Punchdown System

POWERSUM+™ Enhanced Category 5 Patch Cords

MINI-JACK TX-5e™ Modular Jack

The PANDUIT NETWORK CONNECTIVITY GROUP took the lead in high performance copper connectors with the MINI-JACK Modular Jack. Utilizing GIGA-TX™ Technology, the MINI-JACK TX-5e Modular Jack was the first jack specifically designed to meet the new, more stringent TIA Category 5e cabling requirements.

The original MINI-JACK connector's forward looking design allowed installers to terminate rapidly without the use of a punchdown tool. The connector maintained cable integrity by virtually guaranteeing less than half an inch of conductor untwist. Best of all, the connector performed at today's TIA defined Category 5e levels more than five years before the standard was complete.

The PAN-PUNCH 110 Punchdown System provides a better choice for Category 5e voice and data applications. It provides total compatibility with existing 110 systems yet is designed to accommodate today's high performance cabling needs. The bases feature a deeper channel, allowing the installer to bring the cable jacket up to the point of termination, maintaining cable twists.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

NEW! MINI-JACK TX-5e™ Modular Jack

- Specifically designed to comply with the increased Category 5e performance requirements
- Modular patch panels available, see page 51
- Forward motion termination speeds installation and places no localized stress on critical internal components for maximum reliability
- Utilizes GIGA-TX™ Technology to optimize performance by reducing conductor untwists
- Red jack base designates Category 5e performance with TX termination
- No punchdown tool required, optional termination tool insures conductors are fully terminated
- Universal (accepts 2, 3, or 4 pair modular plugs without damage)
- Can be clearly identified with labels found on page 172

Category 5e Performance

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire T568A and T568B Coded (RJ45 Type)					
CJ5E88TIW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	1	50
CJ5E88TIW-C		1	Off White	100	1000

See page 4 for termination tool.
‡Other colors available. See page 3.
Also works with modular patch panels found on page 51.
CJ5E88TBL-24 specifically packaged for modular patch panels, see page 52.

MINI-JACK TX-5e Shuttered Modular Jack

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire Shuttered T568A and T568B Coded (RJ45 Type)					
CJD5E88TIW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	1	50

‡Other colors available. See page 3.

NEW! MINI-JACK TX-5e Shielded Modular Jack

Part Number	Description	No. of Module Spaces	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire Shielded T568A and T568B Coded (RJ45 Type)				
CJS5E88T	8 position, 8 wire shielded Category 5e modular jack with one piece shield	1	1	50

MINI-JACK Category 5e Modular Jack

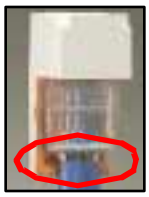
- Termination cap provides excellent strain relief, helps control cable bend radius and securely retains wires in place
- Clear, removable termination cap provides easy troubleshooting
- Patented termination style ensures twists are maintained to within 1/2" (12.7mm), per TIA/EIA installation requirements
- Orange jack base designates Category 5e
- Can be re-terminated a minimum of 10 times
- Terminates 24 AWG solid unshielded twisted pair to a modular jack (For 22 AWG applications, call Technical Assistance - 888-506-5400 Ext. 6914)
- IDC contact design eliminates need to strip individual conductors
- Universal (accepts 2, 3 or 4 pair modular plugs without damage)
- Can be clearly identified with labels found on page 172

Category 5e Performance

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire T568A and T568B Coded (RJ45 Type)					
CJ588IW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	1	50
CJ588IW-C	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	100	1000

‡Other colors available. See page 3.

NEW! MINI-JACK™ Category 5e Modular Jack with Micro-Cap



Accommodates large and/or unique O.D. Cable

Right angle exit in shallow installation spaces

Part Number	Description	No. of Module Spaces	T568 Wire Scheme	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire (RJ45 Type)						
CJ588SAIW **CJ588SBIW**	8 position, 8 wire universal modular jack. Termination cap is color coded for wiring schemes. Cap designed for large and/or unique shaped cables and for shallow installation spaces.	1	A B	Off White	1	50

‡Other colors available. See *page 3*.

MINI-JACK TX-5™ Modular Jack

- Designed to comply with Category 5 performance requirements
- Utilizes *GIGA-TX*™ Technology
- Can be clearly identified with labels found on *page 165*

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire T568A and T568B Coded (RJ45 Type)					
CJ588TIW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	1	50

See *page 4* for termination tool.
‡Other colors available. See *page 3*.
Also works with modular patch panels found on *page 51*.
CJ588TBL-24 specifically packaged for modular patch panels, see *page 52*.

MINI-JACK Category 3 Modular Jacks

- Terminates 24 AWG solid unshielded twisted pair to a modular jack (For 22 AWG applications, call Technical Assistance - 888-506-5400 Ext. 6914)
- White jack base designates Category 3
- Can be clearly identified with labels found on *page 165*

CJ88

CJ66U

CJ66

CJ64

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Universal 8 Position, 8 Wire T568A and T568B Coded (RJ45 Type)					
CJ88IW	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes.	1	Off White	1	50
6 Position, 6 Wire USOC Coded (RJ11 Type)					
CJ66UIW	6 position, 6 wire modular jack. Termination cap is color coded for USOC wiring scheme.	1	Off White	1	50
6 Position, 6 Wire (RJ11 Type)					
CJ66IW	6 position, 6 wire modular jack.	1	Off White	1	50
6 Position, 4 Wire (RJ11 Type)					
CJ64IW	6 position, 4 wire modular jack.	1	Off White	1	50

‡Other colors available. See *page 3*.

RJ48X Modular Jack

- Used for the connection of 1.544 Mbps T1 digital service lines
- Category 3 performance
- Can be clearly identified with labels found on *page 172*

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
RJ48X Modular Jack					
CJ88XBL	8 position jack wired with four conductors on 1/2/4/5, with shorting bar.	1	Black	1	50

‡Other colors available. See *page 3*.

Snap Tool

- Facilitates easiest installation
- Eliminates need for slip lock pliers
- Insures conductors are fully terminated

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Termination "Snap Tool"			
CJT-X	Terminates *MINI-JACK* Category 5e and Category 3 Modular Jacks.	10	50

Crimped Coax Connectors

	Part Number	Coupling Style	RG/U Cable Sizes**	Dimensions In. (mm) Length	Dimensions In. (mm) Width	Nominal Insulation Outside Dia.	Std. Pkg. Qty.
BNC Straight Jack	**BNC15F17S12-X**	BNC	58, 58P	1.35 (34.3)	.43 (10.9)	.195" (4.9)	10
	BNC15F18S12-X		59, 62 59P, 62P	1.37 (34.8)	.43 (10.9)	.242" (6.1)	10
BNC Straight Plug	**BNC15M11S11-X**	BNC	58	1.12 (28.4)	.57 (14.5)	.195" (4.9)	10
	BNC15M12S11-X		59, 62			.242" (6.1)	10
F Straight Jack	**F15F10S11-X**	F (3/8"-32)	6	1.24 (31.5)	.43 (11.0)	.275" (7.0)	10
	F15F12S11-X		59			.242" (6.1)	10
F Straight Plug	**F15M10S11-X**	F (3/8"-32)	6	.73 (18.5)	.43 (11.0)	.275" (7.0)	10
	F15M12S11-X		59			.242" (6.1)	10

** Solid cable only, not for use with stranded cable

Crimping Tools

- Provide tool-controlled crimps
- Ratchet-action with mid-cycle release
- Jaw die set alignment pin
- Compact, lightweight, durable
- Textured plastic grips
- Weigh less than a pound

Part Number	Description	Std. Pkg. Qty.
B33BT1	Tool (frame only—dies ordered separately)	1
B33DS1	22 & 23 AWG Crimp ring die set; F Connector pin contact	1
B33DS2	24 AWG Crimp ring die set; F Connector pin contact	1
B33CT2	Crimps RG58, 59 62/U sizes (and center conductor)	1
B33CT3	Crimps RG59 and 6/U sizes	1

Note: The B33BT1 crimp tool and B33DS2 die set are recommended to crimp shield ring on *MINI-JACK*™ Category 5e Shielded Modular Jacks.

MINI-COM® Modules

CMDSC

CMST

CMFC
Available 3rd quarter, 2000

NEW!

CMBA75

CMBA

CMFBA

NEW!

CJRRIW

CJRYIW

CJRWIW

NEW!

CMRPRIW

CMRPYIW

CMRPWIW

CMRCA

CMRCAR

CMRCAY

CMRCAW

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
MINI-COM SC Duplex Fiber Optic Adapter Module					
CMDSCIW	Module supplied with one SC multimode/singlemode duplex fiber optic adapter with phosphor bronze sleeve.	2	Off White	1	10
MINI-COM ST Fiber Optic Adapter Module					
CMSTIW	Module supplied with one ST multimode/singlemode fiber optic adapter with phosphor bronze sleeve.	1	Off White	1	10
MINI-COM FC Duplex Fiber Optic Adapter Module					
CMFCIW	Module supplied with one FC multimode/singlemode fiber optic adapter with phosphor bronze sleeve.	1	Off White	1	10
MINI-COM 75 Ohm BNC Coax Coupler Module					
CMBA75IW	Module supplied with industry standard 75 Ohm BNC bulkhead coupler. Accepts BNC Plugs.	1	Off White	1	10
MINI-COM 50 Ohm BNC Coax Coupler Module					
CMBAIW	Module supplied with industry standard 50 Ohm BNC bulkhead coupler. Accepts BNC Plugs.	1	Off White	1	10
MINI-COM F-Type Coupler Module					
CMFBAIW	Module supplied with industry standard F-Type bulkhead coupler.	1	Off White	1	10
CMFBAIW-C	Module supplied with industry standard F-Type bulkhead coupler.	1	Off White	100	1000
MINI-COM RCA 110 Punchdown Module					
CJRRIW	Module supplied with one RCA connector with red insert.	1	Off White	1	10
CJRYIW	Module supplied with one RCA connector with yellow insert.	1	Off White	1	10
CJRWIW	Module supplied with one RCA connector with white insert.	1	Off White	1	10
MINI-COM RCA Pass-through Module					
CMRPRIW	Module supplied with one RCA connector with red insert.	1	Off White	1	10
CMRPYIW	Module supplied with one RCA connector with yellow insert.	1	Off White	1	10
CMRPWIW	Module supplied with one RCA connector with white insert.	1	Off White	1	10
MINI-COM RCA Connector Modules					
CMRCAIW	Module supplied with one RCA connector with black insert. Solder type termination.	1	Off White	1	10
CMRCARIW	Module supplied with one RCA connector with red insert. Solder type termination.	1	Off White	1	10
CMRCAYIW	Module supplied with one RCA connector with yellow insert. Solder type termination.	1	Off White	1	10
CMRCAWIW	Module supplied with one RCA connector with white insert. Solder type termination.	1	Off White	1	10

‡Other colors available. See color chart below.

Standard Color‡ :

IW
Off White

Color shown is approximate.

For other colors, substitute IW with:

EI	WH	IG	BL
Elec. Ivory	White	Int. Gray	Black

Colors shown are approximate.

MINI-COM® Modules

CMSVCIW

CJSVIW

CMB

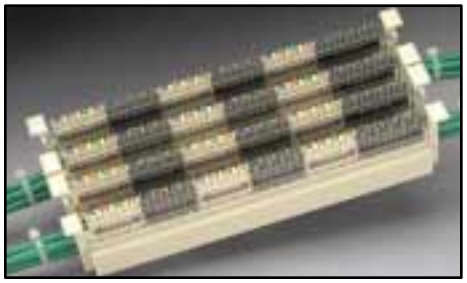
CMMA

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
S-Video Coupler Module Insert					
CMSVCIW	Module insert supplied with one SVHS coupler.	1	Off White	1	10
S-Video Punchdown Module					
CJSVIW	Module supplied with one SVHS connector.	1	Off White	10	50
***MINI-COM* Blank Module**					
CMBIW-X	Module reserves space for future use.	1	Off White	10	50
CMBIW-C	Module reserves space for future use.	1	Off White	100	1000
***MINI-MOD*™ Adapter**					
CMMAIW-X	*MINI-COM* Modules snap directly into *MINI-MOD* Adapter. For use in *MOD-COM*™ System.	1	Off White	10	50

‡Other colors available. See *page 13*.

Category 5e Performance

PAN-PUNCH™ Category 5e 110 Connecting Blocks



- Contrasting color connecting blocks make adds, moves and changes easier
- Can be terminated a minimum of 500 times in cross-connect applications
- Highly visible color coded wiring slots
- "Quiet front" eliminates shorting of adjacent contacts
- Can be used with single or multiple punchdown tools
- UL 94V-0 high impact polycarbonate material
- Can be clearly identified with labels found on *pages 171-172*.

P110CB3

P110CB4

P110CB5

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
***PAN-PUNCH* 3-Pair 110 Connecting Block**				
P110CB3-X	Dual IDC terminates UTP cable on 110 base and UTP cable or 110 patch cords for cross-connecting	Electric Ivory	10	1000
P110CB3-C			100	1000
***PAN-PUNCH* 4-Pair 110 Connecting Block**				
P110CB4-X	Dual IDC terminates UTP cable on 110 base and UTP cable or 110 patch cords for cross-connecting	Electric Ivory	10	1000
P110CB4-C			100	1000
P110CB4IG-X		Int. Gray	10	1000
P110CB4IG-C			100	1000
***PAN-PUNCH* 5-Pair 110 Connecting Block**				
P110CB5-X	Dual IDC terminates UTP cable on 110 base and UTP cable or 110 patch cords for cross-connecting	Electric Ivory	10	1000
P110CB5-C			100	1000
P110CB5IG-X		Int. Gray	10	1000
P110CB5IG-C			100	1000

* Contact factory for test results for 26 AWG wire.

PAN-PUNCH™ Category 5e Bases

- Exclusive deeper channel to facilitate TIA/EIA Category 5e cabling installations
- Sturdy, one piece design
- Highly visible, color coded wiring strip

P110BW300

P110BW100

P110B300

P110B100

Part Number	Description	Std. Pkg. Qty.
PAN-PUNCH 100 Pair Base – With Legs		
P110BW100-X	Positions and holds UTP cable for termination with PAN-PUNCH 110 Connecting Blocks. Legs allow cables to be routed behind bases.	10
PAN-PUNCH 300 Pair Base – With Legs		
P110BW300-X	Positions and holds UTP cable for termination with PAN-PUNCH 110 Connecting Blocks. Legs allow cables to be routed behind bases.	10
PAN-PUNCH 100 Pair Base – Without Legs		
P110B100-X	Positions and holds UTP cable for termination with PAN-PUNCH 110 Connecting Blocks. For frame or rack mount wiring behind bases.	10
PAN-PUNCH 300 Pair Base – Without Legs		
P110B300-X	Positions and holds UTP cable for termination with PAN-PUNCH 110 Connecting Blocks. For frame or rack mount wiring behind bases.	10

PAN-PUNCH Jumper Troughs

- Unique finger design maintains the cable bend radius which helps meet Category 5e installation requirements

Part Number	Description	Std. Pkg. Qty.
Jumper Trough – With Legs		
P110JTW-X	Provides optimum cable management when used with PAN-PUNCH 110 Bases. Legs allow cables to be routed behind bases.	10
Jumper Trough – Without Legs		
P110JT-X	Provides optimum cable management when used with PAN-PUNCH 110 Bases.	10

PAN-PUNCH Category 5e Field Terminated 110 System Kits

- Available in 100 or 300 pair bases with 3, 4, or 5-pair connecting blocks

100 Pair

300 Pair

Part Number	Description	Connecting Block Color	Std. Pkg. Qty.	Std. Ctn. Qty.
100 Pair Base Field Terminated Kits				
P110KB1003	Convenient packaging includes all of the components required to completely wire a 110 base.	Elec. Ivory	1 Kit	10 Kits
P110KB1004		Elec. Ivory	1 Kit	10 Kits
P110KB1004IG		Elec. Ivory & Int. Gray	1 Kit	10 Kits
P110KB1005		Elec. Ivory	1 Kit	10 Kits
P110KB1005IG		Elec. Ivory & Int. Gray	1 Kit	10 Kits
300 Pair Base Field Terminated Kits				
P110KB3003	Convenient packaging includes all of the components required to completely wire a 110 base.	Elec. Ivory	1 Kit	10 Kits
P110KB3004		Elec. Ivory	1 Kit	10 Kits
P110KB3004IG		Elec. Ivory & Int. Gray	1 Kit	10 Kits
P110KB3005		Elec. Ivory	1 Kit	10 Kits
P110KB3005IG		Elec. Ivory & Int. Gray	1 Kit	10 Kits

NOTE: It is common practice to completely fill each 25-pair wire strip with connecting blocks. Each kit contains the adequate number of connecting blocks to do so.
Example: P110KB1004 includes five 4-pair and one 5-pair connecting block per 25-pair wiring strip for a total of twenty 4-pair and four 5-pair connecting blocks, as well as two label holders and two white designation labels.

PAN-PUNCH™ Category 5e 110 Patch Connectors

- Cable clamp on cover provides easier wiring
- IDC's provide reliable, gas-tight connections
- Strain relief reduces stress on cable
- Polarized to prevent reverse installation to connector block
- Clear polycarbonate cover keeps conductors visible after termination

P110PC1

P110PC2

P110PC3

P110PC4

Part Number	Description	Pair Count	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Field Terminable 110 Connectors					
P110PC1-X	Contains two piece, snap-together housing - cable is user supplied. Terminates 1 pair 24 AWG solid or stranded cable. (Category 3 only)	1	Int. Gray	10	100
P110PC2-X	Contains two piece, snap-together housing only - cable is user supplied. Terminates 2 pairs of 24 AWG solid or stranded cable.	2	Int. Gray	10	100
P110PC3-X	Contains two piece, snap-together housing only - cable is user supplied.Terminates 3 pairs of 24 AWG solid or stranded cable.	3	Int. Gray	10	100
P110PC4-X	Contains two piece, snap-together housing only - cable is user supplied.Terminates 4 pairs of 24 AWG solid or stranded cable.	4	Int. Gray	10	100

Factory Assembled Category 5e 110 Patch Cord Assemblies

Part Number	Description	Pair Count	Length Ft. (m)	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Factory Assembled and Tested Patch Cord Assemblies						
P110PC1IG2 **P110PC1IG4** **P110PC1IG5** **P110PC1IG6**	Factory assembled 110 connector to 110 connector 1-pair 110 Connector on both ends.	1*	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10
P110PC2IG2 **P110PC2IG4** **P110PC2IG5** **P110PC2IG6**	Factory assembled 110 connector to 110 connector 2-pair 110 Connector on both ends.	2	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10
P110PC3IG2 **P110PC3IG4** **P110PC3IG5** **P110PC3IG6**	Factory assembled 110 connector to 110 connector 3-pair 110 Connector on both ends.	3	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10
P110PC4IG2 **P110PC4IG4** **P110PC4IG5** **P110PC4IG6**	Factory assembled 110 connector to 110 connector 4-pair 110 Connector on both ends.	4	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10
P110PC4IG2A **P110PC4IG4A** **P110PC4IG5A** **P110PC4IG6A**	Factory assembled 110 connector to RJ45 modular plug – T568A Wired 4-pair 110 Connector on one end and a PAN-PLUG™ RJ45 modular plug on the other end.	4	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10
P110PC4IG2B **P110PC4IG4B** **P110PC4IG5B** **P110PC4IG6B**	Factory assembled 110 connector to RJ45 modular plug – T568B Wired 4-pair 110 Connector on one end and a PAN-PLUG RJ45 modular plug on the other end.	4	2 (.61) 4 (1.22) 5 (1.52) 6 (1.89)	Int. Gray	1	10

Also available in 7, 8, 9, 12, 15 and 18 foot lengths.
‡Other colors available. Contact factory.
*Category 3 only

PAN-PUNCH™ Category 5e 110 Tower System

- Provides a complete, high density cross-connect system
- Designed for wall mount applications
- Available in 300 and 900 pair configurations with 3, 4, or 5-pair connecting blocks
- Supplied jumper troughs provide horizontal cable management
- Tower provides vertical feeder cable management

P110KT300

Part Number	Description	Connecting Block Color	Std. Pkg. Qty.
PAN-PUNCH 300 Pair Tower System – Components Included			
P110KT3003	Convenient packaging includes all of the components required to completely wire a 110 base.	Elec. Ivory	1 Kit
P110KT3004		Elec. Ivory	1 Kit
P110KT3004IG		Elec. Ivory & Int. Gray	1 Kit
P110KT3005		Elec. Ivory	1 Kit
P110KT3005IG		Elec. Ivory & Int. Gray	1 Kit
PAN-PUNCH 900 Pair Tower System – Components Included			
P110KT9003	Convenient packaging includes all of the components required to completely wire a 110 base.	Elec. Ivory	1 Kit
P110KT9004		Elec. Ivory	1 Kit
P110KT9004IG		Elec. Ivory & Int. Gray	1 Kit
P110KT9005		Elec. Ivory	1 Kit
P110KT9005IG		Elec. Ivory & Int. Gray	1 Kit
PAN-PUNCH Towers – Components Sold Separately			
P110T300	300 pair tower only	—	1
P110T900	900 pair tower only	—	1

NOTE: Each tower system contains adequate connecting blocks to complete each 25-pair wiring strip.
Example: P110KT3004 includes five 4-pair and one 5-pair connecting block per 25-pair wiring strip for a total of sixty 4-pair and twelve 5-pair connecting blocks.

19" Rack Mount Bracket Kits — Used with 110 Tower Systems and Vertical Cable Managers for Attachment to 19" Racks

Part Number	Description	Std. Pkg. Qty.
P110TB300	300 Pair tower or vertical wire manager. Supplied with mounting screws.	1 kit
P110TB900	900 Pair tower or vertical wire manager. Supplied with mounting screws.	1 kit

Note: Bracket kits make it possible to mount towers and vertical wire managers to 19" relay racks. Use two towers side by side or a tower and a vertical wire manager side by side.

PAN-PUNCH Vertical Cable Managers for 110 Tower System

- Finger design allows for easy changes
- Can be mounted between towers
- Available in 300 and 900 pair configurations
- Designed for wall mount or 19" rack mount applications

P110VCM300

P110VCM900

P110VCM

Part Number	Description	Std. Pkg. Qty.
PAN-PUNCH Vertical Cable Manager For Use With 300 Pair Tower System		
P110VCM300	Mounts adjacent to 300 pair tower system. Rugged, all metal construction. Color: Black	1
PAN-PUNCH Vertical Cable Manager For Use With 900 Pair Tower System		
P110VCM900	Mounts adjacent to 900 pair tower system. Rugged, all metal construction. Color: Black	1
PAN-PUNCH Vertical Cable Manager For Use With Backboard Mounting		
P110VCM	Mounts to plywood backboard and adjacent to bases and jumper troughs. White metal backboard with large D-rings, designed for wall mount vertical or horizontal cable management from 100 pair up 1/2" D x 6 1/2" H x 10 3/4" W.	1

PAN-PUNCH™ 19" Rack Mount Panels

• Designed for rack mount applications

P110B100R2B

P110B100R4B

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
Category 5e Panels Only				
P110B100R2B	Includes screws for mounting bases to bracket and for rack mounting. Bases, jumper troughs and connecting blocks sold separately.	2	1	10
P110B100R4B	Includes screws for mounting bases and troughs to bracket and for rack mounting. Bases, jumper troughs and connecting blocks sold separately.	4	1	10

^ One rack space = 1.75" (44.45mm)

P110B100R2

P110B100R4WJ

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
Category 5e Panels with Bases				
P110B100R2	Two 100 pair bases premounted to bracket. Connecting blocks sold separately.	2	1	10
P110B100R4WJ	Two 100 pair bases with jumper troughs premounted to bracket. Connecting blocks sold separately.	4	1	10

^ One rack space = 1.75" (44.45mm)

P110B1003R2

P110B1003R4WJ

Part Number	Description	Connecting Block Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Category 5e Panels with Bases and Connecting Blocks				
P110B1003R2	Bases premounted to bracket. 3-pair connector kit included.	Elec. Ivory	1	10
P110B1004R2	Bases premounted to bracket 4-pair connector kit included.	Elec. Ivory	1	10
P110B1004R2IG	Bases premounted to bracket 4-pair connector kit included.	Elec. Ivory & Int. Gray	1	10
P110B1005R2	Bases premounted to bracket 5-pair connector kit included.	Elec. Ivory	1	10
P110B1005R2IG	Bases premounted to bracket 5-pair connector kit included.	Elec. Ivory & Int. Gray	1	10
Panels with Bases, Jumper Troughs and Connecting Blocks				
P110B1003R4WJ	Bases, jumper troughs and 3-pair connector kit included.	Elec. Ivory	1	10
P110B1004R4WJ	Bases, jumper troughs and 4-pair connector kit included.	Elec. Ivory	1	10
P110B4R4WJIG	Bases, jumper troughs and 4-pair connector kit included.	Elec. Ivory & Int. Gray	1	10
P110B1005R4WJ	Bases, jumper troughs and 5-pair connector kit included.	Elec. Ivory	1	10
P110B5R4WJIG	Bases, jumper troughs and 5-pair connector kit included.	Elec. Ivory & Int. Gray	1	10

PAN-PUNCH™ Category 3 Pre-Wired Assemblies

- Provide a quick and easy connection to network equipment
- Pre-wired assembly 100% tested at the factory
- Designed for wall mount applications
- Available in 100 and 300 pair configurations
- Male or female versions
- 6" tails extend from top or bottom with male or female connectors
- Available with 100 or 300 pair bases with 3, 4, or 5-pair connecting blocks

Part Number	Description	Std. Pkg. Qty.
PAN-PUNCH Pre-Wired Assemblies – Connectorized Top Female		
P110KB1003CTF	100 pair base with legs, with 3-pair connecting blocks	1
P110KB1004CTF	100 pair base with legs, with 4-pair connecting blocks	1
P110KB1005CTF	100 pair base with legs, with 5-pair connecting blocks	1
P110KB3003CTF	300 pair base with legs, with 3-pair connecting blocks	1
P110KB3004CTF	300 pair base with legs, with 4-pair connecting blocks	1
P110KB3005CTF	300 pair base with legs, with 5-pair connecting blocks	1
PAN-PUNCH Pre-Wired Assemblies – Connectorized Bottom Female		
P110KB1003CBF	100 pair base with legs, with 3-pair connecting blocks	1
P110KB1004CBF	100 pair base with legs, with 4-pair connecting blocks	1
P110KB1005CBF	100 pair base with legs, with 5-pair connecting blocks	1
P110KB3003CBF	300 pair base with legs, with 3-pair connecting blocks	1
P110KB3004CBF	300 pair base with legs, with 4-pair connecting blocks	1
P110KB3005CBF	300 pair base with legs, with 5-pair connecting blocks	1
PAN-PUNCH Pre-Wired Assemblies – Connectorized Top Male		
P110KB1003CTM	100 pair base with legs, with 3-pair connecting blocks	1
P110KB1004CTM*	100 pair base with legs, with 4-pair connecting blocks	1
P110KB1005CTM*	100 pair base with legs, with 5-pair connecting blocks	1
P110KB3003CTM	300 pair base with legs, with 3-pair connecting blocks	1
P110KB3004CTM*	300 pair base with legs, with 4-pair connecting blocks	1
P110KB3005CTM*	300 pair base with legs, with 5-pair connecting blocks	1
PAN-PUNCH Pre-Wired Assemblies – Connectorized Bottom Male		
P110KB1003CBM	100 pair base with legs, with 3-pair connecting blocks	1
P110KB1004CBM*	100 pair base with legs, with 4-pair connecting blocks	1
P110KB1005CBM*	100 pair base with legs, with 5-pair connecting blocks	1
P110KB3003CBM	300 pair base with legs, with 3-pair connecting blocks	1
P110KB3004CBM*	300 pair base with legs, with 4-pair connecting blocks	1
P110KB3005CBM*	300 pair base with legs, with 5-pair connecting blocks	1

*Available in Category 5. Contact factory for details.

110 Punchdown Tools

- Terminates wires on both cable and cross-connect sides of 110 connecting blocks
- Reversible blade provides option of terminating without cutting wire
- Seats 3, 4, or 5-pair connecting blocks

PDT110M PDT110 CJST

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
5-Pair Punchdown Tool			
PDT110M	Can terminate up to 5 pairs at a time	1	10
Replacement Head Assembly			
PDH110M	Replacement head assembly for 5-Pair punchdown tool	1	10
Replacement Blade			
PDB110M	Replacement blade for 5-Pair punchdown tool	1	10
Single Punchdown Tool			
PDT110	Single punchdown tool and blade for 110 style IDC's. Terminates and cuts UTP cable in one operation.	1	—
Replacement Blade			
PDTH110	Replacement blade for single punchdown tool	1	—
Wire Stripping Tool			
CJST	Strips outer jacket of 4-pair UTP and ScTP	1	10

Category 5e Performance

DATA-PATCH 110 Style Category 5e Pre-Configured Patch Panels

- Wiring scheme clearly identified on front of panel
- Printed circuit board design
- Delivers Category 5e Performance
- Mounts to standard EIA 19" racks
- Write-on areas for port and panel identification
- Can be clearly identified with labels found on *page 171*

DP24588110

DP48588110

DP96588110

Part Number	Description	Number of Rack Spaces ^	Std. Pkg. Qty.	Std. Ctn. Qty.
24 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP24588110A	T568A Wiring Scheme - 8 position, 8 wire	1	1	10
DP24588110B	T568B Wiring Scheme - 8 position, 8 wire	1	1	10
48 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP48588110A	T568A Wiring Scheme - 8 position, 8 wire	2	1	10
DP48588110B	T568B Wiring Scheme - 8 position, 8 wire	2	1	10
96 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP96588110A	T568A Wiring Scheme - 8 position, 8 wire	4	1	10
DP96588110B	T568B Wiring Scheme - 8 position, 8 wire	4	1	10

^ One rack space = 1.75" (44.45mm)

Category 5e Performance

High Performance *DATA-PATCH*™ 110 Style Category 5e Pre-Configured Patch Panels

- Specifically designed to comply with the increased Category 5e performance requirements
- Wiring scheme clearly identified on front of panel
- Printed circuit board design
- Protective circuit board cover
- Compatible with optional support bar
- Mounts to standard EIA 19" racks
- Write-on areas for port and panel identification
- Can be clearly identified with labels found on *page 171*

Part Number	Description	Number of Rack Spaces ^	Std. Pkg. Qty.	Std. Ctn. Qty.
24 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP245E88110A	T568A Wiring Scheme - 8 position, 8 wire	1	1	10
DP245E88110B	T568B Wiring Scheme - 8 position, 8 wire	1	1	10
48 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP485E88110A	T568A Wiring Scheme - 8 position, 8 wire	2	1	10
DP485E88110B	T568B Wiring Scheme - 8 position, 8 wire	2	1	10
96 Port *DATA-PATCH* 110 Style Category 5e Patch Panels				
DP965E88110A	T568A Wiring Scheme - 8 position, 8 wire	4	1	10
DP965E88110B	T568B Wiring Scheme - 8 position, 8 wire	4	1	10

^ One rack space = 1.75" (44.45mm)

Available 4th quarter, 2000

DATA-PATCH™ 10/100Base-T Patch Panel and Cable Assemblies

- Consists of Female Telco 50 pin/25 pair connectors wired per RJ21 industry standards for backward compatibility
- Panel PC board is wired for 10Base-T and 100Base-T Ethernet utilizing pins 1,2 and 3,6
- Panels are Category 5 Power Sum rated (in the channel) when used with Panduit Category 5, 25 pair patch cords
- *POWERSUM+*™ Category 5, 25 pair Connectorized Cable Assemblies are enhanced performance patch cords featuring 25 pair Power Sum Category 5 stranded cable with Category 5 25 pair plugs on either end
- Cords are available in 8, 10, 15, and 20 foot lengths in left, right, and straight plug orientations for maximum flexibility during installation
- System also includes *POWERSUM+* 25 pair Hydra with Category 5, 25 pair male connectors on one end and 12 *PAN-PLUG*™ modular plugs terminated to the 10Base-T and 100Base-T Ethernet pins (1, 2, and 3,6) on the other end
- All cords are 100% factory tested for wiring sequence and continuity

Part Number	Port	Dimensions - Inches (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
10/100Base-T Patch Panel with VELCRO® fasteners				
DP24584TV25	24	**W** 19 (482.6) x **D** 1.39 (35.3) x **H** 1.72 (43.7)	1	10
DP48584TV25	48	**W** 19 (482.6) x **D** 1.39 (35.3) x **H** 3.47 (88.1)		
10/100Base-T Patch Panel without fasteners				
DP24584T25	24	**W** 19 (482.6) x **D** 1.39 (35.3) x **H** 1.72 (43.7)	1	10
DP48584T25	48	**W** 19 (482.6) x **D** 1.39 (35.3) x **H** 3.47 (88.1)		

VELCRO® is a Registered Trademark of the VELCRO Companies.

Part Number	Connector Angles	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Category 5 — 25 Pair Cable Assemblies				
UTPCH8SR25	Straight, 110° Right orientation	8 ft.	1	10
UTPCH8SL25	Straight, 110° Left orientation			
UTPCH8L25	Both 110° Left orientation			
UTPCH8R25	Both 110° Right orientation			
UTPCH8LR25	110° Left, 110° Right			
UTPCH812PP25	12 *PAN-PLUG* Modular Plugs, Straight			

For cables, 10, 15, and 20 ft. lengths are also available. Replace 8 in part number with desired length. For example: UTPCH15SR25 is a 15 foot straight and right 25 pair Connectorized Cable Assembly.

PAN-PLUG™ High Performance Modular Plugs

- Unique tangle free plug latch prevents snags and provides easy release, saving time on frequent moves, adds and changes
- Exceeds FCC Part 68 and IEC 603-7 specifications
- Used in UTPCH series patch cords providing Category 5 Powersum performance
- Simplifies termination due to a unique process which requires no loading bar. Guide ramp facilitates easy conductor insertion and termination. Simplified termination design means fewer pieces required and reduces handling of small parts.
- Plated with 50 microinches of gold

MP588-L

WPT-8

- Arranges all eight conductors in the proper sequence
- Provides an easy way to cut conductors to the required length

CT5-8

- Required for *PAN-PLUG* Modular Plug termination

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
***PAN-PLUG* Modular Plugs**			
MP588-L	8 Position, 8 Wire Modular Plug featuring tangle free latch. Terminates 24 gauge stranded or solid conductor with max. conductor insulation diameter of .040". CT5-8 Crimp Tool required for termination.	50	250
Wire Prep Tool			
WPT-8	Wire Prep Tool	1	10
***PAN-PLUG* Installation Tools**			
CT5-8	Crimp tool and die for *PAN-PLUG* Modular Plug	1	—
CD5-8	Crimp die only	1	—

Contact factory for high volume applications.

POWERSUM+™ Enhanced Category 5 Patch Cords

- Tangle free latch prevents snags and provides easy release, saving time on frequent moves, adds and changes
- Exceeds FCC Part 68 and IEC 603-7 specifications
- Constructed of enhanced performance 24 AWG stranded UTP cable
- Plated with 50 microinches of gold
- 6 colors available

Part Number	Description	Length Ft.	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
***POWERSUM+* Enhanced Category 5 Patch Cords**					
UTPCH1	*POWERSUM+* Enhanced Category 5 Patch Cord with *PAN-PLUG* Modular Plug on both ends.	1	Off White	1	10
UTPCH3		3	Off White	1	10
UTPCH5		5	Off White	1	10
UTPCH7		7	Off White	1	10
UTPCH10		10	Off White	1	10
UTPCH14		14	Off White	1	10
UTPCH20		20	Off White	1	10

‡For other colors add suffix BL (Black), BU (Blue), GR (Green), RD (Red) and YL (Yellow).
Example: UTPCH1BU is Blue

Category 5 Shielded Patch Cords

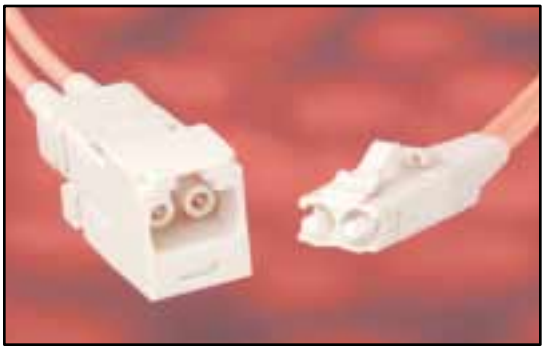
- Provide quick and easy interconnection
- 100% factory tested for wiring sequence and continuity
- Cord Color: International Gray

Part Number	Description	Length Meters	Boot Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Category 5 Shielded Patch Cords					
STPC1MBBL	8 conductor modular jack to modular jack cord	1	Black	1	10
STPC2MBBL	8 conductor modular jack to modular jack cord	2	Black	1	10
STPC3MBBL	8 conductor modular jack to modular jack cord	3	Black	1	10
STPC5MBBL	8 conductor modular jack to modular jack cord	5	Black	1	10

‡For other boot colors replace suffix BL (Black) with BU (Blue), GR (Green), RD (Red) and YL (Yellow).
Example: STPC1MBBU is Blue

FIBER CABLING SOLUTIONS

OPTICOM™ Fiber Optic Enclosures



OPTI-JACK® Duplex Fiber Optic Connector

In terms of fiber optic cable termination solutions, the *PANDUIT NETWORK CONNECTIVITY GROUP* has led the industry into the world of small form factor connector designs with the *OPTI-CHANNEL*™ System. The *OPTI-CHANNEL* System includes the *OPTI-JACK* Fiber Optic Connector, *OPTICOM* Fiber Optic Enclosures, patch cords and termination kits.

The *OPTI-JACK* Fiber Optic Connector, Panduit's version of the Fiber Jack Connector was the industry's first small form factor, RJ-45 style fiber optic connector, released in December 1996. The FIber Jack Connector provides superior performance for both singlemode and multimode applications in a robust, fixed orientation, duplex high-density design. The Fiber Jack Connector was the model for the TIA FOCIS-6 Fiber Jack standard approved in early 1999. A pre-polished version is also available to speed field installations.

OPTICOM Fiber Optic Enclosures are designed to effectively manage optical fiber terminations and splices. They can be used with *OPTI-JACK* Fiber Optic Connectors and with ST, SC and FC Connectors. *OPTICOM* Fiber Optic Enclosures are available in rack mount and wall mount versions and can be customized to meet any multi-media requirements.

The *PANDUIT NETWORK CONNECTIVITY GROUP* also provides industry standard connectors such as ST, SC and FC Connectors. ST, SC and FC Fiber Optic Connectors are field installable with the same termination procedures as the *OPTI-JACK* Connector. They are available in multimode and singlemode versions. A module version is also available to provide complete modularity with the *MINI-COM*® System.

"ST" is a trademark of Lucent Technologies

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

OPTI-JACK® Fiber Optic Connector Modules

- Maintains fixed orientation vs. simplex jacks
- One duplex *OPTI-JACK* Connector replaces one twisted pair jack
- Plugs include plug housing, two ferrule assemblies, two crimp sleeves, one plug boot and two dust caps
- Jacks include jack housing, cover, two ferrule assemblies, two crimp sleeves, boot for 900 µm tight-buffered fiber, boot for 3 mm jacketed fiber and one dust cap
- Can be clearly identified with labels found on *page 172*

- Insertion loss: <0.19dB typical
- Return loss: >40dB

FJJGS9C

FJEPGS9C

- Insertion loss: <0.15dB typical
- Return loss: >20dB

FJJGM5C

FJEPGM5C

Par Number	Description	No. of Module Spaces	Color	Std. Pkg. Qty	Std. Ctn. Qty.
***OPTI-JACK* Fiber Optic Connector Module — Singlemode Jack**					
FJJGS9CBU	To comply with industry standards the cover and boots are blue for all singlemode connectors.	1	Blue	1	10
***OPTI-JACK* Fiber Optic Connector Module — Singlemode Plug**					
FJEPGS9CBU	To comply with industry standards the plug housing is blue for all singlemode connectors.	1	Blue	1	10
***OPTI-JACK* Fiber Optic Connector Module — Multimode Jack**					
FJJGM5CEI	To comply with industry standards, the cover and boots are electric ivory for all multimode connectors.	1	Elec. Ivory‡	1	10
***OPTI-JACK* Fiber Optic Connector Module — Multimode Plug**					
FJEPGM5CIW	To comply with industry standards, the plug housing is electric ivory for all multimode connectors.	1	Off White	1	10
FJEPGM5CEI		1	Elec. Ivory	1	10
FJEPGM5CBL		1	Black	1	10
FJEPGM5CBU		1	Blue	1	10

‡Other colors available. See *page 3*.
FJJGS9CBU, FJEPGS9CBU, FJJGM5CEI, and FJEPGM5CEI also available in packages of 100 pcs.
To order, add suffix "-C" to end of part number.
Singlemode for use with 9/125µm singlemode fiber. Multimode for use with 62.5/125µm or 50/125µm multimode fiber.

NEW! *OPTI-JACK* Fiber Optic Connectors – Pre-polished Multimode Jacks

- Jacks include jack housing, cover, two ferrule assemblies, two crimp sleeves, boot for 900 µm tight-buffered fiber, boot for 3 mm jacketed fiber and one dust cap
- Reduces installation time by 44%
- Can be clearly identified with labels found on *page 172*

- Insertion loss: <0.35dB typical
- Return loss: >20dB

FJJS

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
***OPTI-JACK* Fiber Optic Connector - 62.5/125µm Multimode Pre-polished Jack**					
FJJSAM5CEI	Utilizes cyanoacrylate adhesive.	1	Elec. Ivory	1	10
FJJSMM5CEI	Utilizes mechanical crimp.	1	Elec. Ivory	1	10
***OPTI-JACK* Fiber Optic Connector - 50/125µm Pre-polished Jack**					
FJJSAM50CEI	Utilizes cyanoacrylate adhesive.	1	Elec. Ivory	1	10
FJJSMM50CEI	Utilizes mechanical crimp.	1	Elec. Ivory	1	10

‡Other colors available. See *page 3*.

OPTI-JACK Fiber Optic Connectors – Replacement Ferrules

FJEP

FJJ

FJJS

Part Number	Description	Std. Pkg. Qty	Std. Ctn. Qty.
FJEP9FRL-X	Replacement ferrule and crimp sleeve for singlemode plug.	10	50
FJJ9FRL-X	Replacement ferrule and crimp sleeve for singlemode jack.		
FJEPFRL-X	Replacement ferrule and crimp sleeve for multimode plug.		
FJJFRL-X	Replacement ferrule and crimp sleeve for multimode jack.		
FJJSAFRL-X	Replacement ferrule and crimp sleeve for cyanoacrylate adhesive prepolished 62.5/125 µm multimode jack.	10	50
FJJSMFRL-X	Replacement ferrule and crimp sleeve for mechanical prepolished 62.5/125 µm multimode jack.	10	50
FJJSA50FRL-X	Replacement ferrule and crimp sleeve for cyanoacrylate adhesive prepolished 50/125 µm multimode jack.	10	50
FJJSM50FRL-X	Replacement ferrule and crimp sleeve for mechanical prepolished 50/125 µm multimode jack.	10	50

For complete termination components see *page 26*

OPTI-JACK® Plug to Plug Multimode/Singlemode Adapter Module

FJGCCEI

Part Number	Description	Std. Pkg. Qty	Std. Ctn. Qty.
OPTI-JACK Plug to Plug Multimode/Singlemode Adapter Module			
FJGCCEI	Adapter to mate two OPTI-JACK Fiber Optic Connector Multimode/ Singlemode Plugs. Used for the calibration of test cables and equipment and for OPTI-JACK plug-to-plug cross connects. Includes two dust caps. (Not for use in MINI-COM® Surface Mount Boxes.)	1	10

ST and SC Fiber Optic Connectors

- Compliant with TIA-568 performance requirements
- Terminable with commonly available tools
- Fiber Compatibility: 62.5/125 µm and 50/125 µm multimode; 9/125 µm singlemode
- Fiber Cable Types: 3.0 mm jacketed or 900 µm tight-buffered
- Insertion Loss: <0.34 dB typical
- Return Loss: >20 dB multimode >40 dB singlemode

FSTMBL

FSTSBU

FSCM1BL

FSCS1BU

- Includes connector body/ferrule assembly, crimp sleeve, one boot for 900 µm tight-buffered fiber, one boot for 3 mm jacketed fiber and one black dust cap.

Part Number	Description	Boot Color	Std. Pkg. Qty	Std. Ctn. Qty.
ST Multimode Connectors				
FSTMBL	ST multimode fiber optic connector	Black	1	10
FSTMRD	ST multimode fiber optic connector	Red	1	10
ST Singlemode Connector				
FSTSBU	ST singlemode fiber optic connector	Blue	1	10
SC Multimode Connectors				
FSCM1BL	SC multimode fiber optic connector	Black	1	10
FSCM1RD	SC multimode fiber optic connector	Red	1	10
SC Singlemode Connector				
FSCS1BU	SC singlemode fiber optic connector	Blue	1	10
FC Multimode Connectors				
FFCMBL	FC multimode fiber optic connector	Black	1	10
FFCMRD	FC multimode fiber optic connector	Red	1	10
FC Singlemode Connector				
FFCSBU	FC singlemode fiber optic connector	Blue	1	10

To comply with industry standards, the connector housing is blue for all SC singlemode connectors.
To comply with industry standards, the connector housing is electric ivory for all SC multimode connectors.
"ST" is a trademark of Lucent Technologies

Optical Fiber Termination Kits

FJKITG

FJQKIT

- No electricity required for termination, fast acting adhesive
- Kit provides consumables for terminating up to 100 connectors

Part Number	Description	Std. Pkg. Qty.
Standard Fiber Optic Termination Kits		
FJKITG	Includes all tools and consumables necessary for termination of multimode OPTI-JACK Connectors, multimode ST Connectors and SC Connectors.	1 Kit
FJKITG-RFB	Consumables refurbishment kit. Includes all of the same consumable items in the same quantities as FJKITG.	1 Kit
OPTI-JACK Pre-Polished Fiber Optic Connector Termination Kits		
FJQKIT	Includes all consumable and non-consumables items necessary for termination of the OPTI-JACK pre-polished cyanoacrylate adhesive multimode connector.	1 Kit
FJMKIT	Includes all consumable and non-consumables items necessary for termination of the OPTI-JACK pre-polished mechanical crimp multimode connector.	1 Kit

Components for Standard Fiber Optic Termination Kit (FJKITG)

Non-Consumables

Part Number	Description	Std. Pkg. Qty
CST-115	Fiber Cable Jacket Stripper	1
FALC	Alcohol Bottle	1
FBFSP	Fiber Buffer Stripper	1
FBFSPM*	Miller Fiber Cable Buffer Stripper	1
FCRP4	Universal Crimp Tool (hex sizes: .128,.151, .178, .190)	1
FCVR	Fiber Cleaver	1
FGLS	Safety Glasses	1
FJPKGU	Universal Polishing Puck	1
FKC	Fiber Cable Strength Member Scissors	1
FPAD	Fiber Polishing Pad	1
FSCDVR	Screwdriver	1
FSCP	Fiber Inspection Microscope	1
FTWZR	Tweezer	1
FWBTL	Water Bottle	1

Consumables

Part Number	Description	Std. Pkg. Qty
FJPMR	Primer (50ml)	1
FJPXY	Anaerobic Adhesive (10ml)	1
FPP1-L	1µm Polishing Paper (AL_2O_3)	50
FPP5-L	5µm Polishing Paper (AL_2O_3)	50
FSWB-C	Cleaning Swabs	100
FST	Safety Stickers for fiber scraps	1
FSYR-X	Syringes with Needle Tips	10
FWP-C	Cloth Wipes	100
PFX-0**	Indelible Ink Marking Pen	12

** Only one piece included in FJKITG-RFB
* Not included in FJKITG, FJQKIT or FJKITG-RFB
NOTE: To upgrade FJKITG to include all items in FJQKIT, purchase FJQCVR, FJQADH, FJQACT and FJQFXT.

Additional requirements for Singlemode *OPTI-JACK*®, ST, SC & FC Connectors

Part Number	Description	Std. Pkg. Qty.
FPCL-Q	Singlemode Polishing Cloth	25
FPF1-V	Singlemode Polishing Film	5
FPSL	Singlemode Polishing Slurry	1

Components for *OPTI-JACK* Pre-Polished Fiber Optic Connector Termination Kit (FJQKIT/FJMKIT)

Non-Consumables^

Part Number	Description	Std. Pkg. Qty.
CST-115	Fiber Cable Jacket Stripper	1
FALC	Alcohol Bottle	1
FBFSP	Fiber Buffer Stripper	1
FGLS	Safety Glasses	1
FJQCVR	Fiber Cleaver Tool	1
FKC	Fiber Cable Scissors	1
FSCDVR	Screwdriver	1

Consumables^

Part Number	Description	Std. Pkg. Qty.
FST	Safety Stickers for fiber scraps	1
FWP-C	Cloth Wipes	100
PFX-0	Indelible Ink Marking Pen	12

FJQKIT Additional Included Components

Part Number	Description	Std. Pkg. Qty.
FCRP4	Universal Crimp Tool (hex sizes: .128,.151, .178, .190)	1
FJQFXT	Termination Fixture	1
FJQACT	Adhesive Activator	1
FJQADH	Cyanoacrylate Adhesive	1

FJMKIT Additional Included Component

Part Number	Description	Std. Pkg. Qty.
FCRP5	Universal Crimp Tool (hex sizes: .048, .100, .128, .151, .190)	1

Replacement Parts

Part Number	Description	Std. Pkg. Qty.
FJQCVRB	Replacement Blade for FJQCVR	1

^Components included in both FJQKIT and FJMKIT

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NEW! Furcation Kit

- Kits include furcation tubing with strength members and heat shrink

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Furcation Kit			
FK2BJ	Build up 900 µm fiber to 3 mm jacketed fiber. For two fibers.	1	10
FK4BJ	Build up 900 µm fiber to 3 mm jacketed fiber. For four fibers.	1	10

NEW! Fan Out Kit

- Kits include 900µm hollow tubing and plastic housings
- Includes adhesive tape for mounting
- Includes Teflon Powder for easy insertion of fibers

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Fan Out Kit			
FO6CB	Build up 250 µm fiber to 900 µm buffered coating size. For six fibers.	1	10
FO12CB	Build up 250 µm fiber to 900 µm buffered coating size. For twelve fibers.	1	10

MINI-COM® In-Wall Fiber Spool

- 1" internal bend radius
- Cable entry/exit from rear, top and bottom helps maintain external bend radius
- Designed for use with single or double gang wall board adapter
- Stores up to 12 meters of unjacketed fiber cable or 2 meters of jacketed fiber cable
- 3.65" (92.7mm) depth from rear of faceplate, not for use with in-wall boxes or in shallow walls

Standards: TIA/EIA-568-A requires a minimum 1 meter slack and a fiber spool for in-wall installations.

Part Number	Description	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
Two Module Space In-Wall Fiber Spool				
CFS2IW **CFS2BL**	For use with *MINI-COM* faceplates, faceplate frames and inserts, and modular patch panels.	Off White Black	1	10

‡Other colors available. See *page 13*.

New Patch Cord Part Number Designation

Example: **FJ Plug to ST Duplex, 62.5/125µm Multimode Fiber, 1 meter is *F6D6P-2M1***

F6D6P-2M1

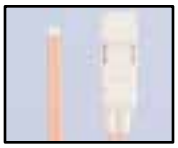
Fiber Patch Cord	Cable		Connector #1		—	Connector #2		Length (Meters)	
F	**9D**	*Duplex 9/125µm Jacketed SM*	**2**	*ST Ceramic*	—	**2**	*ST Ceramic*	**M**	**1**
	9S	*Simplex 9/125µm Jacketed SM*	**2C**	*ST Composite*	—	**2C**	*ST Composite*	**M**	**2**
	9B	*Simplex 9/125µm Buffered SM*	**3**	*SC Ceramic*	—	**3**	*SC Ceramic*	**M**	**3**
	5D	*Duplex 50/125µm Jacketed SM*	**4**	*FC Ceramic*	—	**4**	*FC Ceramic*	**M**	**10**
	5S	*Simplex 50/125µm Jacketed MM*	**6J**	*FJ JACK*	—	**6J**	*FJ JACK*		
	5B	*Simplex 50/125µm Buffered MM*	**6P**	*FJ PLUG*	—	**6P**	*FJ PLUG*		
	6D	*Duplex 62.5/125µm Jacketed MM*			—	**N**	*Pigtail*		
	6S	*Simplex 62.5/125µm Jacketed MM*			—				
	6B	*Simplex 62.5/125µm Buffered MM*			—				

NEW! *OPTI-JACK*® Optical Fiber Patch Cords — Multimode 62.5/125µm

F6D6P-NM

F6D6P-6PM

F6D6J-NM



F6B6J-NM

F6D6P-6JM

F6D6P-3M

F6D6J-2M

F6D6P-2M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
***OPTI-JACK* Duplex Plug to Pigtails, 3mm Jacketed Fiber**				
F6D6P-NM1 **F6D6P-NM2** **F6D6P-NM3** **F6D6P-NM10**	62.5/125µm glass optical fiber cable with one *OPTI-JACK* duplex plug on one end and no connector on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Plug to *OPTI-JACK* Duplex Plug**				
F6D6P-6PM1 **F6D6P-6PM2** **F6D6P-6PM3** **F6D6P-6PM10**	62.5/125µm optical fiber cable with one *OPTI-JACK* duplex plug on each end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack to Pigtails, 3mm Jacketed Fiber**				
F6D6J-NM1 **F6D6J-NM2** **F6D6J-NM3** **F6D6J-NM10**	62.5/125µm optical fiber cable with one *OPTI-JACK* duplex jack on one end and no connector on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack Pigtails, 900µm Buffered Fiber**				
F6B6J-NM1 **F6B6J-NM2**	62.5/125µm optical fiber cable with 900 µm buffer with one *OPTI-JACK* duplex jack on one end and open on the other end.	1 Meter 2 Meters	1 1	10 10
***OPTI-JACK* Duplex Plug to *OPTI-JACK* Duplex Jack**				
F6D6P-6JM1	62.5/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and one *OPTI-JACK* duplex jack on the other end.	1 Meter	1	10
***OPTI-JACK* Duplex Plug to SC Plugs**				
F6D6P-3M1 **F6D6P-3M2** **F6D6P-3M3** **F6D6P-3M10**	62.5/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and two SC Connectors (ceramic ferrules) on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack to ST Plugs**				
F6D6J-2M2	62.5/125µm optical fiber cable with an *OPTI-JACK* duplex jack on one end and two ST Connectors (ceramic ferrules) on the other end.	2 Meters	1	10
***OPTI-JACK* Duplex Plug to ST Plugs**				
F6D6P-2M1 **F6D6P-2M2** **F6D6P-2M3** **F6D6P-2M10**	62.5/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and two ST Connectors (ceramic ferrules) on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10

ST and SC Optical Fiber Patch Cords — Multimode 62.5/125µm

F6S2-2M

F6D2C-2CM

F6D2-2M

F6S3-3M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Simplex Optical Fiber Patch Cords - ST to ST				
F6S2-2M1 **F6S2-2M2** **F6S2-2M3**	62.5/125µm optical fiber cable with one ST Connector on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - ST to ST Composite (Polymer)				
F6D2C-2CM1 **F6D2C-2CM2** **F6D2C-2CM3**	62.5/125µm optical fiber cable with two ST Connectors on each end with composite (polymer) ferrule.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - ST to ST				
F6D2-2M1 **F6D2-2M2** **F6D2-2M3**	62.5/125µm optical fiber cable with two ST Connectors on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Simplex Optical Fiber Patch Cords - SC to SC				
F6S3-3M1 **F6S3-3M2** **F6S3-3M3**	62.5/125µm optical fiber cable with one SC Connector on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10

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ST and SC Optical Fiber Patch Cords — Multimode 62.5/125µm (Continued)

F6D3-3M

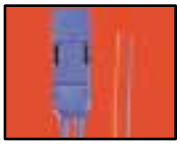
F6D2-3M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Duplex Optical Fiber Patch Cords - SC to SC				
F6D3-3M1 F6D3-3M2 F6D3-3M3	62.5/125µm optical fiber cable with two SC Connectors on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - ST to SC				
F6D2-3M1 F6D2-3M2 F6D2-3M3	62.5/125µm optical fiber cable with two SC Connectors on one end and two ST Connectors on the other end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10

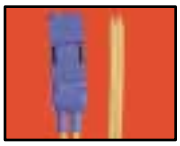
OPTI-JACK® Optical Fiber Patch Cords — Singlemode 9/125µm

F9D6P-6JM

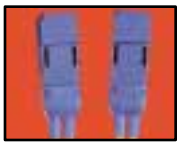
F9B6J-NM



F9D6J-NM



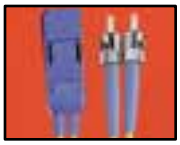
F9D6J-6JM



F9D6P-NM

F9D6P-6PM

F9D6J-2M



F9D6P-2M

F9D6P-3M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
***OPTI-JACK* Duplex Plug to *OPTI-JACK* Duplex Jack**				
F9D6P-6JM1 F9D6P-6JM2	9/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and one *OPTI-JACK* duplex jack on the other end.	1 Meter 2 Meters	1 1	10 10
***OPTI-JACK* Duplex Jack to Pigtails, 900 µm Buffered Fiber**				
F9B6J-NM1 F9B6J-NM2 F9B6J-NM3	9/125µm optical fiber with 900 µm buffer cable with one *OPTI-JACK* duplex jack on one end and open on the other end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
***OPTI-JACK* Duplex Jack to Pigtails, 3mm Jacketed Fiber**				
F9D6J-NM1 F9D6J-NM2 F9D6J-NM3 F9D6J-NM10	9/125µm optical fiber cable with one *OPTI-JACK* duplex jack on one end and open on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack to *OPTI-JACK* Duplex Jack**				
F9D6J-6JM1 F9D6J-6JM2 F9D6J-6JM3 F9D6J-6JM10	9/125µm optical fiber cable with one *OPTI-JACK* duplex jack on each end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Plug to Pigtails, 3mm Jacketed Fiber**				
F9D6P-NM1 F9D6P-NM2 F9D6P-NM3 F9D6P-NM10	9/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and open on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Plug to *OPTI-JACK* Duplex Plug**				
F9D6P-6PM1 F9D6P-6PM2 F9D6P-6PM3 F9D6P-6PM10	9/125µm optical fiber cable with one *OPTI-JACK* duplex plug on each end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack to ST Plugs**				
F9D6J-2M2	9/125µm optical fiber cable with one *OPTI-JACK* duplex jack on one end and two ST plugs on the other end.	2 Meters	1	10
***OPTI-JACK* Duplex Plug to ST Plugs**				
F9D6P-2M1 F9D6P-2M2 F9D6P-2M3 F9D6P-2M10	9/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and two ST plugs on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Plug to SC Plugs**				
F9D6P-3M1 F9D6P-3M2 F9D6P-3M3 F9D6P-3M10	9/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and two SC plugs on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10

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ST and SC Optical Fiber Patch Cords — Singlemode 9/125µm

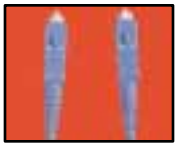
F9B2-NM

F9S2-2M

F9D2-2M

F9B3-NM

F9S3-3M



F9D3-3M

F9D2-3M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Simplex Optical Fiber Patch Cords - 900 µm Buffer ST Pigtails				
F9B2-NM1 **F9B2-NM2** **F9B2-NM3**	9/125µm optical fiber cable with 900 µm buffer cable with one ST Connector on one end and open on the other end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Simplex Optical Fiber Patch Cords - ST to ST				
F9S2-2M1 **F9S2-2M2** **F9S2-2M3**	9/125µm optical fiber cable with one ST Connector on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - ST to ST				
F9D2-2M1 **F9D2-2M2** **F9D2-2M3**	9/125µm optical fiber cable with two ST Connectors on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Simplex Optical Fiber Patch Cords - 900 µm Buffer SC Pigtails				
F9B3-NM1 **F9B3-NM2** **F9B3-NM3**	9/125µm optical fiber cable with 900 µm cable with one SC Connector on one end and open on the other end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Simplex Optical Fiber Patch Cords - SC to SC				
F9S3-3M1 **F9S3-3M2** **F9S3-3M3**	9/125µm optical fiber cable with one SC Connector on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - SC to SC				
F9D3-3M1 **F9D3-3M2** **F9D3-3M3**	9/125µm optical fiber cable with two SC Connectors on each end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10
Duplex Optical Fiber Patch Cords - ST to SC				
F9D2-3M1 **F9D2-3M2** **F9D2-3M3**	9/125µm optical fiber cable with two ST Connectors on one end and two SC Connectors on the other end.	1 Meter 2 Meters 3 Meters	1 1 1	10 10 10

NEW! *OPTI-JACK*® Optical Fiber Patch Cords — Multimode 50/125µm

F5D6J-NM

F5D6J-2M

F5D6P-3M

F5D6P-6PM

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
***OPTI-JACK* Duplex Jack to Pigtails, 3mm Jacketed Fiber**				
F5D6J-NM1 **F5D6J-NM2** **F5D6J-NM3** **F5D6J-NM10**	50/125µm optical fiber cable with one *OPTI-JACK* duplex jack on one end and open on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Jack to ST Plugs**				
F5D6J-2M2	50/125µm optical fiber cable with one *OPTI-JACK* duplex jack on one end and two ST Connectors (ceramic ferrules) on the other end.	2 Meters	1	10
***OPTI-JACK* Duplex Plug to SC Plugs**				
F5D6P-3M1 **F5D6P-3M2** **F5D6P-3M3** **F5D6P-3M10**	50/125µm optical fiber cable with one *OPTI-JACK* duplex plug on one end and two SC Connectors (ceramic ferrules) on the other end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10
***OPTI-JACK* Duplex Plug to *OPTI-JACK* Duplex Plug**				
F5D6P-6PM1 **F5D6P-6PM2** **F5D6P-6PM3** **F5D6P-6PM10**	50/125µm optical fiber cable with one *OPTI-JACK* duplex plug on each end.	1 Meter 2 Meters 3 Meters 10 Meters	1 1 1 1	10 10 10 10

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NEW! OPTI-JACK® Optical Fiber Patch Cords — Multimode 50/125µm (Continued)

F5D6P-6JM

F5D6P-NM

F5D6P-2M

F5B6J-NM

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
OPTI-JACK Duplex Plug to OPTI-JACK Duplex Jack				
F5D6P-6JM1	50/125µm optical fiber cable with one OPTI-JACK duplex plug on one end and one OPTI-JACK duplex jack on the other end.	1 Meter	1	10
OPTI-JACK Duplex Plug to Pigtails, 3mm Jacketed Fiber				
F5D6P-NM1	50/125µm optical fiber cable with one OPTI-JACK duplex plug on one end and open on the other end.	1 Meter	1	10
F5D6P-NM2		2 Meters	1	10
F5D6P-NM3		3 Meters	1	10
F5D6P-NM10		10 Meters	1	10
OPTI-JACK Duplex Plug to ST Plugs				
F5D6P-2M1	50/125µm optical fiber cable with one OPTI-JACK duplex plug on one end and two ST Connectors (ceramic ferrules) on the other end.	1 Meter	1	10
F5D6P-2M2		2 Meters	1	10
F5D6P-2M3		3 Meters	1	10
F5D6P-2M10		10 Meters	1	10
OPTI-JACK Duplex Jack to Pigtails, 900µm Buffered Fiber				
F5B6J-NM1	50/125µm optical fiber with 900 µm buffer cable with one OPTI-JACK duplex jack on one end and open on the other end.	1 Meter	1	10
F5B6J-NM2		2 Meters	1	10

NEW! ST and SC Optical Fiber Patch Cords — Multimode 50/125µm

F5D3-3M

F5S3-3M

F5D2-2M

F5S2-2M

F5D2-3M

Part Number	Description	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Duplex Optical Fiber Patch Cords — SC to SC				
F5D3-3M1	50/125µm optical fiber cable with two SC Connectors on each end.	1 Meter	1	10
F5D3-3M2		2 Meters	1	10
F5D3-3M3		3 Meters	1	10
Simplex Optical Fiber Patch Cords — SC to SC				
F5S3-3M1	50/125µm optical fiber cable with two SC Connectors on each end.	1 Meter	1	10
F5S3-3M2		2 Meters	1	10
F5S3-3M3		3 Meters	1	10
Duplex Optical Fiber Patch Cords — ST to ST				
F5D2-2M1	50/125µm optical fiber cable with two ST Connectors on each end.	1 Meter	1	10
F5D2-2M2		2 Meters	1	10
F5D2-2M3		3 Meters	1	10
Simplex Optical Fiber Patch Cords — ST to ST				
F5S2-2M1	50/125µm optical fiber cable with one ST Connectors on each end.	1 Meter	1	10
F5S2-2M2		2 Meters	1	10
F5S2-2M3		3 Meters	1	10
OPTI-JACK Duplex Plug to Pigtails, 3mm Jacketed Fiber — ST to SC				
F5D2-3M1	50/125µm optical fiber cable with two SC Connectors on one end and two ST Connectors on the other end.	1 Meter	1	10
F5D2-3M2		2 Meters	1	10
F5D2-3M3		3 Meters	1	10

"ST" is a trademark of Lucent Technologies

NEW! *OPTICOM*™ Fiber Optic Rack Mount Enclosures

FRME36EBL

FRME54EBL

FRME72EBL

FRME72E5BL

FRME48AIBL

Part Number	Description	No. of Rack Spaces^	Color	Std. Pkg. Qty.
***OPTICOM* 36/72 Fiber Optic Rack Mount Enclosure**				
FRME36EBL	Will accept up to 6 FAP or FMP Panels*. Includes 3 Blank Panels, Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 3.5"H (89mm) x 12.5"D (317.5mm) x 18.41"W (467.6mm)	2	Black	1
* Supports up to 36 ST or 72 SC terminations when used with FAP Panels (see *page 36*) or 72 *OPTI-JACK*® Fiber Optic Connector Module terminations when used with FMP6 Panel.				
***OPTICOM* 54/108 Fiber Optic Rack Mount Enclosure**				
FRME54EBL	Will accept up to 9 FAP or FMP Panels*. Includes 4 Blank Panels, Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 5.25"H (133.4mm) x 12.5"D (317.5mm) x 18.41"W (467.6mm)	3	Black	1
* Supports up to 54 ST or 108 SC terminations when used with FAP Panels (see *page 36*) or 108 *OPTI-JACK* Fiber Optic Connector Module terminations when used with FMP6 Panel.				
***OPTICOM* 72/144 Fiber Optic Rack Mount Enclosure**				
FRME72EBL	Will accept up to 12 FAP or FMP Panels*. Includes 6 Blank Panels, Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 6.94"H (176.3mm) x 11.73"D (297.8mm) x 18.31"W (465.1mm)	4	Black	1
* Supports up to 72 ST or 144 SC terminations when used with FAP Panels (see *page 36*) or 144 *OPTI-JACK* Fiber Optic Connector Module terminations when used with FMP6 Panel.				
***OPTICOM* 144/192 Fiber Optic Rack Mount Enclosure (Requires separate adapter panels)**				
FRME72E5BL	Will accept up to 18 FMP8 Adapter Panels*. Includes 9 Blank Panels, Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 8.5"H (215.9mm) x 11.61"D (294.8mm) x 18.31"W (465.1mm)	5	Black	1
* Supports up to 144 ST or 192 SC terminations when used with FAP Panels (see *page 36*) or 192 *OPTI-JACK* Fiber Optic Connector Module terminations when used with FMPE8 Panel.				
***OPTICOM* 48 Fiber Optic Rack Mount Shallow Depth Enclosure**				
FRME48AIBL	Will accept up to 24 1/2 angled inserts. Includes 24 Shuttered Inserts, Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 5.12"H (130.2mm) x 5.78"D (146.9mm) x 19.0"W (482.6mm)	3	Black	1

NOTE: Supports up to 48 SC or *OPTI-JACK* fiber optic terminations or 24 ST terminations.
^ One rack space = 1.75" (44.45mm)

NEW! *OPTICOM* Fiber Optic Rack Mount Enclosures with ST Adapter Panels

FRME36ESTBL

FRME54ESTBL

FRME72ESTBL

Part Number	Description	No. of Rack Spaces^	Color	Std. Pkg. Qty.
***OPTICOM* 36 Fiber Optic Rack Mount Enclosure With ST Adapter Panels**				
FRME36ESTBL	Factory assembled with 36 ST multimode/singlemode adapters with phosphor bronze sleeves. Includes Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 3.5"H (89mm) x 12.5"D (317.5mm) x 18.41"W (467.6mm)	2	Black	1
***OPTICOM* 54 Fiber Optic Rack Mount Enclosure With ST Adapter Panels**				
FRME54ESTBL	Factory assembled with 54 ST multimode/singlemode adapters with phosphor bronze sleeves. Includes Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 5.25"H (133.4mm) x 12.5"D (317.5mm) x 18.41"W (467.6mm)	3	Black	1
***OPTICOM* 72 Fiber Optic Rack Mount Enclosure With ST Adapter Panels**				
FRME72ESTBL	Factory assembled with 72 ST multimode/singlemode adapters with phosphor bronze sleeves. Includes Fiber Optic Cable Routing Accessory Kit and Label. Dimensions: 6.94"H (176.3mm) x 11.73"D (297.8mm) x 18.31"W (465.1mm)	4	Black	1

^ One rack space = 1.75" (44.45mm)
Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, cable tie brackets, adhesive backed mounts, spiral wrap and grounding lug.
FAP Adapter Panels and FMP Multimedia Panels sold separately, see *page 36*.

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NEW! OPTICOM™ Fiber Optic Rack Mount Splice Enclosures

FRME72SBL

FRME108SBL

Part Number	Description	No. of Rack Spaces ^	Color	Std. Pkg. Qty.
OPTICOM 72 Fiber Optic Splice Enclosure*				
FRME72SBL	Splices up to 72 fibers in two rack units.	2	Black	1
OPTICOM 108 Fiber Optic Splice Enclosure*				
FRME108SBL	Splices up to 108 fibers in three rack units.	3	Black	1
OPTICOM 144 Fiber Optic Splice Enclosure*				
FRME144SBL	Splices up to 144 fibers in four rack units.	4	Black	1

* Requires FST6 splice tray, see page 35.
^ One rack space = 1.75" (44.45mm)

NEW! OPTICOM Fiber Optic Wall Mount Enclosures

FWME12EBL

FWME24EBL

FWME48EBL

FWME12ESTBL

FWME24ESTBL

FWME48ESTBL

Part Number	Description	Color	Std. Pkg. Qty.
OPTICOM 12/24 Fiber Optic Wall Mount Enclosure			
FWME12EBL	Adapter plate will accept up to 2 FAP or FMP Panels*. Includes Fiber Optic Cable Routing Accessory Kit and one blank FAP Adapter Panel. Dimensions: 10.0"H (254mm) x 2.25"D (57mm) x 12.0"W (305mm)	Black	1

* Supports up to 12 ST or 24 SC terminations when used with FAP Panels or 24 OPTI-JACK® Fiber Optic Connector Module terminations when used with FMP6 Panel.

OPTICOM 24/48 Fiber Optic Wall Mount Enclosure			
FWME24EBL	Adapter plate will accept up to 4 FAP or FMP Panels*. Includes Fiber Optic Cable Routing Accessory Kit and two FAPBRC Adapter Panels. Two unique locks provide security. Dimensions: 13.0"H (330mm) x 5.0"D (127mm) x 16.0"W (406mm)	Black	1

* Supports up to 24 ST or 48 SC terminations when used with FAP Panels or 48 OPTI-JACK Fiber Optic Connector Module terminations when used with FMP6 Panel.

OPTICOM 48/96 Fiber Optic Wall Mount Enclosure			
FWME48EBL	Adapter plate will accept up to 8 FAP or FMP Panels*. Includes Fiber Optic Cable Routing Accessory Kit and four FAPBRC Adapter Panels. Two unique locks provide security. Dimensions: 24.0"H (610mm) x 5.0"D (127mm) x 16.0"W (406mm)	Black	1

* Supports up to 48 ST or 96 SC terminations when used with FAP Panels or 96 OPTI-JACK Fiber Optic Connector Module terminations when used with FMP6 Panel.

OPTICOM 12 Fiber Optic Wall Mount Enclosure With ST Adapter Panels			
FWME12ESTBL	Preassembled adapter plate supplied with 2 Adapter Panels that include a total of 12 ST multimode/singlemode adapters with phosphor bronze sleeves. Includes Fiber Optic Cable Routing Accessory Kit. Dimensions: 10.0"H (254mm) x 2.25"D (57mm) x 12.0"W (305mm)	Black	1
OPTICOM 24 Fiber Optic Rack Mount Enclosure With ST Adapter Panels			
FWME24ESTBL	Preassembled adapter plate supplied with 4 Adapter Panels and 4 FAPBRC that include a total of 24 ST multimode/singlemode adapters with phosphor bronze sleeves. Two unique locks provide security. Includes Fiber Optic Cable Routing Accessory Kit. Dimensions: 13.0"H (330mm) x 5.0"D (127mm) x 16.0"W (406mm)	Black	1
OPTICOM 48 Fiber Optic Rack Mount Enclosure With ST Adapter Panels			
FWME48ESTBL	Preassembled adapter plate supplied with 8 Adapter Panels and 8 FAPBRC that include a total of 48 ST multimode/singlemode adapters with phosphor bronze sleeves. Two unique locks provide security. Includes Fiber Optic Cable Routing Accessory Kit. Dimensions: 24.0"H (610mm) x 5.0"D (127mm) x 16.0"W (406mm)	Black	1

Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, cable tie brackets, clips and grounding lugs.
FAP Adapter Panels and FMP Multimedia Panels sold separately, see page 36.

"ST" is a trademark of Lucent Technologies

OPTICOM™ Trays

- Excellent for present and future multi-media applications - modular design allows fiber terminations to be added quickly and easily
- Removable rear tray cover provides easy access to splices and cable storage
- Rear tray capacity for splice tray installation
- Side cable entry only
- Accept *OPTI-JACK*® Fiber Connector Modules and *MINI-COM*® UTP, ScTP, Coax and Fiber Modules
- Open back for easy access
- Pem stud helps align tray to modular patch panel for easy installation onto rack
- FMT24 designed to accommodate up to 1" innerduct; FMT48 designed to accommodate up to 1 1/2" innerduct
- Side cable entries designed to align with Panduit Vertical Cable Management Panels
- Includes slack management spool
- Intended for open rack applications

FMT24

FMT48

Part Number	Description	No. of Rack Spaces*	Std. Pkg. Qty.	Std. Ctn. Qty.
24/48 Fiber Tray				
FMT24	Mounts behind 24 port *MINI-COM* Snap-In Faceplate Patch Panels or All Metal Modular Patch Panels. Includes Fiber Optic Cable Routing Accessory Kit and Rear Cover. Dimensions: 1.69"H (43mm) x 18.27"W (464mm) x 11.18"D (284mm)	1	1	—
48/96 Fiber Tray				
FMT48	Mounts behind 48 port *MINI-COM* Snap-In Faceplate Patch Panels or All Metal Modular Patch Panel. Includes Fiber Optic Cable Routing Accessory Kit and Rear Cover. Dimensions: 3.44"H (87mm) x 18.27"W (464mm) x 11.18"D (284mm)	2	1	—

*One rack space = 1.75" (44.45mm)
Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, adhesive backed mounts, innerduct pieces and grommet edging.
FAP Adapter Panels and FMP Multimedia Panels sold separately, see *page 36*.

OPTICOM™ Trays with Fiber Adapter Patch Panels

- Excellent for present and future multi-media applications - modular design allows fiber terminations to be added quickly and easily
- Accept *OPTI-JACK* Fiber Connector Modules and *MINI-COM* UTP, ScTP, Coax and Fiber Modules
- Intended for cabinet applications
- Allows side and rear cable entry
- Includes Fiber Adapter Patch Panels

FMTJW24

FMTJW48

Part Number	Description	No. of Rack Spaces*	Std. Pkg. Qty.	Std. Ctn. Qty.
24/48 Fiber Tray				
FMTJW24	Accepts 4 FAP or FMP panels. Includes Fiber Optic Cable Routing Accessory Kit, Rear Cover and CFAPPBL1. Dimensions: 1.69"H (43mm) x 18.27"W (464mm) x 11.18"D (284mm)	1	1	—
48/96 Fiber Tray				
FMTJW48	Accepts 8 FAP or FMP panels.Includes Fiber Optic Cable Routing Accessory Kit, Rear Cover and CFAPPBL2. Dimensions: 3.44"H (87mm) x 18.27"W (464mm) x 11.18"D (284mm)	2	1	—

*One rack space = 1.75" (44.45mm)
Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, adhesive backed mounts, innerduct pieces and grommet edging.
FAP Adapter Panels and FMP Multimedia Panels sold separately, see *page 36*.

NEW! Fiber Adapter Patch Panels

CFAPPBL1

CFAPPBL2

Part Number	Description	No. of Rack Spaces*	Std. Pkg. Qty.	Std. Ctn. Qty.
Fiber Adapter Patch Panels				
CFAPPBL1	Mounts to FMT24 and accepts 4 FAP or FMP Fiber Adapter Panels. Dimensions: 1.72"H (43.7mm) x 19"W (482.6mm)	1	1	—
CFAPPBL2	Mounts to FMT48 and accepts 8 FAP or FMP Fiber Adapter Panels. Dimensions: 3.47"H (88.14mm) x 19"W (482.6mm)	2	1	—

OPTICOM™ Drawers

- Drawers slide out for easy front access
- Accept OPTI-JACK® Fiber Connector Modules, ST simplex adapters, SC simplex & duplex adapters or MINI-COM® UTP, ScTP, Coax and Fiber Modules
- Rear tray capacity for splice tray installation
- Mount to standard EIA 19" racks
- Removable rear tray cover provides easy rear access
- Excellent for high density applications
- Side cable entries designed to align with Panduit® Vertical Cable Management Panels and can accommodate 1" innerduct for 24 port and 2" innerduct for 48 port
- Universal #12-24 mounting hardware
- Includes Fiber Optic Cable Routing Accessory Kit and Front and Top Cover

FMD24

- Includes front bend radius control clips
- Side access only
- Includes slack management tools (FMS)

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
24/48 Fiber Drawer				
FMD24	Slide out drawer accepts up to 4 FAP or FMP Modular Panels*. Dimensions: 1.69"H (43mm) x 18.27"W (464mm) x 11.18"D (284mm)	1	1	—
FMD48	Slide out drawer accepts up to 8 FAP or FMP Modular Panels*. Dimensions: 3.44"H (87mm) x 18.27"W (464mm) x 11.18"D (284mm)	2	1	—

^ One rack space = 1.75" (44.45mm)
Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, adhesive backed mounts, and grommet edging. FAP Adapter Panels and FMP Multimedia Panels sold separately, see page 36.

OPTICOM Drawers with Fiber Adapter Patch Panels

FMD48

- Side and rear access

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
48/96 Fiber Drawer				
FMDJW24	Slide out drawer accepts up to 4 FAP or FMP Modular Panels*. Rear of tray has pass through holes for rear cable entry. Dimensions: 1.69"H (43mm) x 18.27"W (464mm) x 11.18"D (284mm)	1	1	—
FMDJW48	Slide out drawer accepts up to 8 FAP or FMP Modular Panels*. Rear of tray has pass through holes for rear cable entry. Dimensions: 3.44"H (87mm) x 18.27"W (464mm) x 11.18"D (284mm)	2	1	—

^ One rack space = 1.75" (44.45mm)
Fiber Optic Cable Routing Accessory Kit contains various fiber optic cable management components such as cable ties, adhesive backed mounts, and grommet edging. FAP Adapter Panels and FMP Multimedia Panels sold separately, see page 36.

NEW! Splice Tray Kit and Splice Tray Stacking Unit

For use with either mechanical or fusion splices. Complete Kit Includes:

- 2 Mechanical and 2 Fusion adhesive backed splice holders (Each splice holder holds 6 splices)
- Cable Ties to help manage incoming and outgoing cable
- PVC Tubing to protect buffered fiber upon exit or entry into tray
- One splice tray
- Protective Cover

FST6

FSTHE

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Splice Tray Kit			
FST6	Accommodates up to12 mechanical or fusion splices for use in OPTICOM Fiber Optic Wall Mount Enclosures and Fiber Optic Multi-Media Interconnect Trays and Drawers. Dimensions: 7.9" L (201.6mm) x 4.48" W (113.8mm) x .40" H (10.2mm)	1	10
Splice Tray Stacking Unit			
FSTHE FSTHW*	Holds four splice trays. Can be mounted with the use of adhesive strips or mounting screws included in the kit. Splice trays held in place with Panduit TAK-TY™ Cable Ties. This stacking unit can secure up to four splice trays. Dimensions: 8.06" L (205mm) x 4.56" W (116mm) x 1.75" H (45mm)	1	10

* For use with wall mount enclosures only.

NEW! Fiber Adapter Panel for Bend Radius Control

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Fiber Adapter Panel for Bend Radius Control			
FAPBRC	Fiber adapter panel helps maintain standard compliance for bend radius. Snaps quickly into the front of all OPTICOM Fiber Optic Enclosures.	1	10

Multi-Media Modular Panels – For use with *OPTICOM*™ Drawers and Enclosures

- Panel accepts *OPTI-JACK*® Fiber Optic Connector Modules and all *MINI-COM*® Modules – customize your installation for true multi-media applications
- Snaps quickly into the front of the *OPTICOM* Drawers and all *OPTICOM* Fiber Optic Enclosures
- Excellent for use in applications requiring integration of fiber optic and copper cables

FMP6

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Multi-Media Panel For *OPTICOM* Fiber Optic Connector Modules and *MINI-COM* Modules				
FMP6	Panel accepts up to 6 *OPTI-JACK* Fiber Optic Connector Modules or *MINI-COM* Connector Modules for Fiber Optic, UTP, ScTP and Coax applications.	Black	1	10

Blank Modular Panels

FAPB

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
FAPB	Blank panel with no openings - reserves space for future use.	Black	1	10

Fiber Optic Adapter Panels – For use with *OPTICOM* Enclosures

- Supplied with or without fiber optic adapters
- Snaps quickly into the front of all *OPTICOM* Fiber Optic Enclosures

FAP6WST

FAP8WST

FAP6WSC

FAP3WDSC

FAP2WDSC

FAP6WDSC

FAP6ST

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
FAP6WST	Preloaded with 6 ST multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP8WST	Preloaded with 8 ST multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP6WSC	Preloaded with 6 SC simplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP3WDSC	Preloaded with 3 SC duplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP2WDSC	Preloaded with 2 SC duplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP6WDSC	Preloaded with 6 SC duplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP6ST	Accommodates 6 ST adapters.	Black	1	10

Fiber Optic Adapter Panels – For use with FRME72E5BL *OPTICOM* Enclosure

- FRME72E5BL found on *page 32*

FMPE8

FAP10EWSC

FAP12EWST

FAP6EWDSC

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
FMPE8	Panel accepts up to 8 *OPTI-JACK* Fiber Optic Connector Modules or *MINI-COM* Connector Modules for Fiber Optic, UTP, ScTP and Coax applications.	Black	1	10
FAP10EWSC	Preloaded with 10 SC simplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP12EWST	Preloaded with 12 ST multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10
FAP6EWDSC	Preloaded with 6 SC duplex multimode/singlemode adapters with phosphor bronze sleeves.	Black	1	10

PANDUIT®
NETWORK CONNECTIVITY GROUP

The *PANDUIT NETWORK CONNECTIVITY GROUP* offers the market's most complete selection of communications **work area outlet solutions**. Count on Panduit to streamline and support your entire infrastructure...throughout the workstation.

MINI-COM® Classic Series Faceplates with Labels

MINI-COM Classic and Executive Series Faceplates

MINI-COM Surface Mount Boxes

FOutlet solutions include *MINI-COM* faceplates and surface mount boxes. Products were developed with the input of architects and interior designers to provide an aesthetically pleasing solution that complements the modern office workspace. *MINI-COM* faceplates are available in Classic, Executive and Snap-In Furniture Faceplates as well as screw-on and snap-on versions for maximum flexibility.

Work station solutions are designed for high performance copper and fiber applications as well as electrical applications. They are completely modular for easy moves, adds and changes.

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or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

NEW! MINI-COM® Classic Series Faceplates with Label and Label Cover

- Individual modules snap in and out
- Includes labels and label covers for easy identification; replacement labels available, see page 48
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on pages 174-177

CFPL2

CFPL3

CFPL4

CFPL6

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
2 Module Space				
CFPL2IW	Single gang faceplate holds up to two MINI-COM/OPTI-JACK® Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
3 Module Space				
CFPL3IW	Single gang faceplate holds up to three MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
4 Module Space				
CFPL4IW	Single gang faceplate holds up to four MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
6 Module Space				
CFPL6IW	Single gang faceplate holds up to six MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10

‡Other colors available. See color chart below.
All faceplates supplied with mounting screws.

NEW! MINI-COM Classic Series Dedicated Sloped Faceplates

- Individual modules snap in and out
- Includes labels and label covers for easy identification; replacement labels available, see page 48
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on pages 174-177

CFPHS2

CFPSL2

CFPHSL4

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
2 Module Space — Horizontal				
CFPHS2IW	Single gang sloped horizontal faceplate holds up to two MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): .55" (13.97mm)	Off White	1	10
2 Module Space — Vertical with icon slots and label/label cover				
CFPSL2IW	Single gang sloped vertical faceplate holds up to two MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): .475" (12.06mm)	Off White	1	10
4 Module Space — Horizontal with icon slots and label/label cover				
CFPHSL4IW	Single gang sloped horizontal faceplate holds up to four MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): .525" (13.33mm)	Off White	1	10

‡Other colors available. See color chart below.
All faceplates supplied with mounting screws.

Standard Color‡:

IW
Off White

Color shown is approximate.

For other colors, substitute IW with:

EI	WH	IG	BL
Elec. Ivory	White	Int. Gray	Black

Colors shown are approximate.

MINI-COM® Classic Series Vertical Faceplates

- Individual modules snap in and out
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on pages 174-177

CFP1

CFP2

CFP4

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
1 Module Space, Single Gang Faceplate				
CFP1IW	Single gang faceplate holds a single MINI-COM/OPTI-JACK® Connector Module. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
2 Module Space, Single Gang Faceplate				
CFP2IW	Single gang faceplate holds up to two MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
4 Module Space, Single Gang Faceplate				
CFP4IW	Single gang faceplate holds up to four MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10

‡Other colors available. See page 38.
All faceplates supplied with mounting screws.

MINI-COM Classic Series Horizontal Faceplates

- Individual modules snap in and out
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on pages 174-177

CFPH2

CFPH4

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
2 Module Space, Horizontal Single Gang Faceplate				
CFPH2IW	Single gang horizontal faceplate holds up to two MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
4 Module Space, Horizontal Single Gang Faceplate				
CFPH4IW	Single gang horizontal faceplate holds up to four MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10

‡Other colors available. See page 38.
All faceplates supplied with mounting screws.

MINI-COM Classic Series Faceplate Kits

- Can be clearly identified with labels found on pages 174-177

CFPS4

CFPF12

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space, Single Gang Sloped Faceplate Kit				
CFPS4IW	Single gang faceplate frame and two sloped module inserts (2 module spaces each). Depth to rear of modules (copper): .813" (20.64mm)	Off White	1	10
12 Module Space, Double Gang Faceplate Kit				
CFPF12IW-2G	Double gang faceplate frame and six flat module inserts (2 module spaces each). Depth to rear of modules (copper): 1.188" (30.16mm)	Off White	1	10

‡Other colors available. See page 38.
All faceplates supplied with mounting screws.

MINI-COM® Executive Series Faceplates

- Individual modules snap in and out
- Screw mount design
- Replacement labels and screws available, see page 48
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on pages 174-177

CFPE1

CFPE2

CFPE4

CFPE6

CFPE10**-2G

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
1 Module Space, Single Gang Faceplate				
CFPE1IW	Single gang faceplate holds a single MINI-COM/OPTI-JACK® Connector Module. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	1	10
2 Module Space, Single Gang Faceplate				
CFPE2IW	Single gang faceplate holds up to two MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	1	10
4 Module Space, Single Gang Faceplate				
CFPE4IW	Single gang faceplate holds up to four MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	1	10
6 Module Space, Single Gang Faceplate				
CFPE6IW	Single gang faceplate holds up to six MINI-COM/OPTI-JACK Connector Modules. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	1	10
Requires minimum opening of 1.9"W x 2.0"H (May not fit in all boxes - Check your box dimensions)				
10 Module Space, Double Gang Faceplate				
CFPE10IW-2G	Double gang faceplate holds up to ten MINI-COM Connector Modules. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	1	10

‡Other colors available. See page 38.
All faceplates supplied with mounting screws, labels and label cover/screw covers.

MINI-COM Sloped Executive Series Faceplate Kit

CFPSE4

- Individual modules snap in and out
- Dual module inserts are front releasable
- Screw mount design
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space, Single Gang Sloped Faceplate Kit				
CFPSE4IW	Single gang faceplate frame and two sloped module inserts (2 module spaces each). Supplied with mounting screws, labels and label cover/screw covers. Depth to rear of modules (copper): .65" (16.5mm)	Off White	1	10

‡Other colors available. See page 38.

MINI-COM Faceplate Frames for Sloped, Flat and Blank Module Inserts

- Individual modules snap in and out
- Module inserts are front releasable
- Accept MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Allow custom installations with your choice of inserts
- Can be clearly identified with labels found on pages 174-177

CB

CB**-2G

CBE

CBE**-2G

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Classic Single Gang Faceplate Frame				
CBIW	Single gang faceplate frame accepts two 1/2 size module inserts, three 1/3 size module inserts or one 2/3 size and one 1/3 size module inserts.	Off White	1	10
Classic Double Gang Faceplate Frame				
CBIW-2G	Double gang faceplate frame accepts up to four 1/2 size module inserts, six 1/3 size module inserts or two 2/3 size module inserts and two 1/3 size module inserts.	Off White	1	10
Executive Single Gang Faceplate Frame				
CBEIW	Single gang faceplate frame accepts two 1/2 size module inserts, three 1/3 size module inserts or one 2/3 size and one 1/3 size module inserts. Supplied with labels and label cover/screw covers.	Off White	1	10
Executive Double Gang Faceplate Frame				
CBEIW-2G	Double gang faceplate frame which accepts up to four 1/2 size module inserts, six 1/3 size modular inserts or two 2/3 size module inserts and two 1/3 size module inserts. Supplied with labels and label cover/screw covers.	Off White	1	10

‡Other colors available. See page 38.
All faceplate frames supplied with mounting screws.

MINI-COM® Modular Inserts

CHS2

CHS2S

CHF2

CHSR2

NEW!
CHS1S

CHB2

CHF2M

CHB2M

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
2 Module Space, 1/2 Size, Sloped Module Insert				
CHS2IW-X	Sloped module insert accepts up to two *MINI-COM/OPTI-JACK®* Modules and uses 1/2 of a single gang faceplate frame. Depth to rear of modules (copper): 0.65" (16.5mm)	Off White	10	50
2 Module Space, 1/2 Size, Sloped Module Insert with Protective Shutters				
CHS2SIW-X	Sloped module insert with protective shutters accepts up to two *MINI-COM/OPTI-JACK* Modules and uses 1/2 of a single gang faceplate frame. Shutters are spring loaded and rotate out of the way for cable connections. Depth to rear of modules (copper): 0.65" (16.5mm)	Off White	10	50
2 Module Space, 1/2 Size, Flat Module Insert				
CHF2IW-X	Flat module insert accepts up to two *MINI-COM/OPTI-JACK* Modules and uses 1/2 of a single gang faceplate frame. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	10	50
2 Module Space, 1/2 Size, Sloped, Recessed Module Insert				
CHSR2IW-X	Accepts up to two *MINI-COM/OPTI-JACK* Modules and uses 1/2 of a single gang faceplate frame. Depth to rear of modules (copper): 1.188" (30.16mm)	Off White	10	50
1 Module Space, 1/2 Size, Sloped, Shuttered Insert				
CHS1SIW-X	Sloped module insert with protective shutter. Accepts one *MINI-COM/OPTI-JACK* Module and uses 1/2 of a single gang faceplate frame. Depth to rear of modules (copper): 0.65" (16.5mm)	Off White	10	50
1/2 Blank Insert				
CHB2IW-X	Blank insert. Reserves space for future upgrades. Uses 1/2 of a single gang faceplate frame.	Off White	10	50
2 Module Space, 1/3 Size, Flat Module Insert				
CHF2MIW-X	Flat insert accepts up to two *MINI-COM/OPTI-JACK* Modules and uses 1/3 of a single gang faceplate frame. Twelve ports maximum in a double gang faceplate frame. Depth to rear of modules (copper): 1.0" (25.4mm)	Off White	10	50
1/3 Blank Insert				
CHB2MIW-X	Blank insert. Reserves space for future upgrades. Uses 1/3 of a single gang faceplate frame.	Off White	10	50

‡Other colors available. See *page 38*.

MINI-COM "GFCI" Decora Module Frames

- Modules snap in or out individually
- Made from impact resistant thermoplastic
- Mounts behind all standard NEMA faceplates
- 5 decorator colors to complement any decor

CFG1

CFG2

CFG4

Part Number	Description	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
One Module Space "GFCI" Decora Module Frame				
CFG1IW	Mounts behind any standard GFCI electrical faceplate. Holds a single *MINI-COM/OPTI-JACK* Connector Module. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
Two Module Space "GFCI" Decora Module Frame				
CFG2IW	Mounts behind any standard GFCI electrical faceplate. Holds two *MINI-COM/OPTI-JACK* Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
Four Module Space "GFCI" Decora Module Frame				
CFG4IW	Mounts behind any standard GFCI electrical faceplate. Holds four *MINI-COM/OPTI-JACK* Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10

‡Other colors available. See *page 38*.

MINI-COM® "106" Duplex Module Frame

CF1064

- Modules snap in or out individually
- Made from impact resistant thermoplastic
- Mounts behind all "106" standard NEMA faceplates

Part Number	Description	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
"106" Duplex Module Frame				
CF1062IW	Mounts behind any "106" duplex standard NEMA electrical faceplate. Holds two *MINI-COM/OPTI-JACK*® Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10
CF1064IW	Mounts behind any "106" duplex standard NEMA electrical faceplate. Holds four *MINI-COM/OPTI-JACK* Connector Modules. Depth to rear of modules (copper): 1.125" (28.6mm)	Off White	1	10

‡Other colors available. See *page 38*.

NEW! Classic Series Faceplates for Power *or* Communication Applications

- Designed for in-wall applications
- Also available in stainless steel, see *page 43*

CP106

CP106**-2G

CPG

CPG**-2G

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Single Gang 106 Duplex Screw-On Faceplate				
CP106IW	Covers one NEMA standard 106 duplex electrical outlet. In communication applications, covers one standard 106 communication module frame. Supplied with one mounting screw.	Off White	1	10
Double Gang 106 Duplex Screw-On Faceplate				
CP106IW-2G	Covers two NEMA standard 106 duplex electrical outlets. In communication applications, covers two standard 106 communication module frames. Supplied with two mounting screws.	Off White	1	10
Single Gang Rectangular Screw-On Faceplate				
CPGIW	Covers one NEMA standard rectangular electrical outlet. In communication applications, covers one standard rectangular communication module frame. Supplied with two mounting screws.	Off White	1	10
Double Gang Rectangular Screw-On Faceplate				
CPGIW-2G	Covers two NEMA standard rectangular electrical outlets. In communication applications, covers two standard rectangular communication module frames. Supplied with four mounting screws.	Off White	1	10

‡Other colors available. See *page 38*.

Executive Series Faceplates

- Designed for in-wall box applications

ECPG**

ECPG**-2G

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Single Gang "GFCI" Faceplate				
ECPGIW	Covers one NEMA standard rectangular electrical receptacle. In communications applications accepts one *MINI-COM* "GFCI" Module Frame. Supplied with screws.	Off White	1	10
Double Gang "GFCI" Faceplate				
ECPGIW-2G	Covers two NEMA standard rectangular or TVSS electrical receptacle. In communications applications accepts two *MINI-COM* "GFCI" Module Frame. Supplied with screws.	Off White	1	10

‡Other colors available. See *page 38*.
ECPG and ECPG-2G not for use with wall board adapters.

Stainless Steel Faceplates

• Can be clearly identified with labels found on *pages 174-177*

WPS-20

WPS-202

NEW Styles!

CFP2S

CFP4S

CFP6S

CFP4S-2G

Part Number	Description	Std. Pkg Qty.	Std. Ctn. Qty.
Single Gang 106 Duplex Stainless Steel Faceplate			
WPS-20	Covers one NEMA standard 106 duplex electrical outlet. In communication applications covers one standard 106 communication module frame. Supplied with one mounting screw.	1	10
Double Gang 106 Duplex Stainless Steel Faceplate			
WPS-202	Covers two NEMA standard 106 duplex electrical outlets. In communications applications covers two standard 106 module frames. Supplied with two mounting screws.	1	10
2 Module Space			
CFP2S	Single gang faceplate holds two *MINI-COM/OPTI-JACK* ® connector modules. Depth to rear of modules: 1.21" (30.73mm)	1	10
4 Module Space			
CFP4S	Single gang faceplate holds four *MINI-COM/OPTI-JACK* connector modules. Depth to rear of modules: 1.21" (30.73mm)	1	10
6 Module Space			
CFP6S	Single gang faceplate holds six *MINI-COM/OPTI-JACK* connector modules. Depth to rear of modules: 1.21" (30.73mm)	1	10
4 Module Space, Double Gang			
CFP4S-2G*	Double gang faceplate holds four *MINI-COM/OPTI-JACK* connector modules. Depth to rear of modules: 1.21" (30.73mm)	1	10

* Contact Factory for 8 and 10 port double gang versions.
All faceplates supplied with mounting screws.

Wall Board Adapters

MWBA1

MWBA-2G

Part Number	Description	Std. Pkg. Qty	Std. Ctn. Qty.
Single Gang Wall Board Adapter			
MWBA1	Replacement for single gang in-wall box in communication applications. Mounting hole spacing of 3.28" (83.5mm).	1	10
Double Gang Wall Board Adapter			
MWBA-2G	Replacement for double gang in-wall boxes in communication applications. Mounting hole spacing of 3.28" (83.5mm).	1	10

In-Wall Box Adapters

MIWBA

Part Number	Description	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
MIWBAIW	Allows mounting of *MINI-COM*® single gang faceplates and surface boxes to double gang in-wall boxes and box eliminators, both horizontally and vertically.	Off White	1	10

‡Other colors available. See *page 38*.

MINI-COM® Snap-On Modular Furniture Faceplates

- Accept *MINI-COM* Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Can be clearly identified with labels found on *pages 174-177*

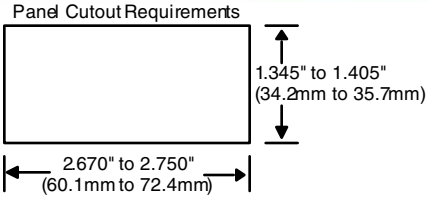
CFFPL4

CFFP4

CFFPA2

MFFPE

Panel Cutout Requirements

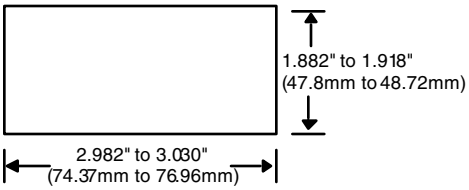


Maximum Panel Thickness: .090" (2.29mm)

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space Modular Furniture Snap-On Faceplate with Labels				
CFFPL4IW **CFFPL4BL**	Faceplate snaps into knockouts found on modular furniture. Holds four standard connector modules. Depth to rear of modules (copper): .972" (24.7mm)	Off White Black	1 1	10 10
4 Module Space Modular Furniture Snap-On Faceplate				
CFFP4IW **CFFP4BL**	Faceplate snaps into knockouts found on modular furniture. Holds four standard connector modules. Depth to rear of modules (copper): .972" (24.7mm)	Off White Black	1 1	10 10
2 Module Space Angled Modular Furniture Snap-On Faceplate				
CFFPA2IW **CFFPA2BL**	Faceplate snaps into knockouts found on modular furniture.Holds two standard connector modules. Depth to rear of modules (copper): .600" (15.2mm)	Off White Black	1 1	10 10
Snap-On Modular Furniture Faceplate Extender				
MFFPEIW **MFFPEBL**	For use when depth inside modular furniture base is limited. Extends plate approximately 1/2". Accepts all Panduit modular faceplates. Fits into same breakout size as CFFP faceplate.	Off White Black	1 1	10 10

CFFPHM4

Panel Cutout Requirements



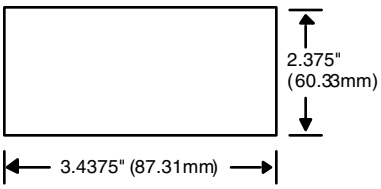
Maximum Panel Thickness: .090" (2.29mm)

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space Herman Miller Furniture Snap-On Faceplate				
CFFPHM4IW **CFFPHM4BL**	Faceplate snaps into knockouts found on Herman Miller furniture, such as Action Office Series 2 and 3 and Ethospace Baseline. Holds four standard connector modules. Depth to rear of modules (copper): .972" (24.7mm)	Off White Black	1 1	10 10

NEW!

CFFPEBSL4

Panel Cutout Requirements



Maximum Panel Thickness: .05" (1.27mm)

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space Herman Miller Furniture Snap-On Faceplate				
CFFPEBSL4IW **CFFPEBSL4BL**	Faceplate snaps into knockouts found on Herman Miller furniture, such as Ethospace Beltline. Holds four standard connector modules. Depth to rear of modules (copper): .60" (15.24mm)	Off White Black	1 1	10 10

Faceplate snaps into "industry standard" opening with panel cutout specified. Consult factory for specific furniture manufacturer's opening sizes or solutions for other opening sizes.
‡Other colors available. See *page 38*.

MINI-COM® Snap-On Modular Furniture Faceplates (continued)

- Can be clearly identified with labels found on *pages 174-177*

CFFPSL4BL

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
4 Module Space SMED Adapter				
CFFPSL4BL	SMED Legs Series Furniture Faceplate. Includes SMED adapter and CFFP4BL.	Black Only	1	10

Tombstone (Floor Box) Adapter Plate

MSP500W

Part Number	Description	Std. Pkg. Qty	Std. Ctn. Qty.
Tombstone Adapter Plate			
MSP500W	Allows *MINI-COM* Snap-In Modular Furniture Faceplates to be mounted to Walker floor box service fitting Part No. 500 (Tombstone).	1	10

MINI-COM Punch Die

- For use with plastic or metal furniture. Requires hydraulic driver such as a GreenLee #7804SB

MFFD

Part Number	Description	Std. Pkg. Qty.
Punch Die		
MFFD	Punch die cuts a rectangular hole in base of modular furniture to accept *MINI-COM* CFFP snap-on faceplates found on *page 44*.	1

2" Round Faceplates

- Can be clearly identified with labels found on *pages 174-177*

CRFPA2

CFFPR1

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
2" Round Faceplates				
CRFPA2BL	2" Round In-Floor outlet adapter.	Black‡	1	10
CFFPR1BL-X	2" Round furniture faceplate with screw.	Black▲	10	50

‡ For other colors substitute suffix BL (Black) with EI (Electric Ivory), and IG (International Gray).
▲ For other color substitute suffix BL (Black) with IG (International Gray).

Walker Adapter

CWPTA2

CRC3A2

Part Number	Description	Color	Std. Pkg. Qty	Std. Ctn. Qty.
Walker Poke-Thru Adapter				
CWPTA2BL	2 port in-floor adapter box to work with Walker Poke-Thru System RC 2001-3. 1.07"H (27.2mm) x 2.38"W (60.5mm) x 0.65"L (16.6mm)	Black Only	10	50
CRC3A2BL-X	2 port in-floor adapter box to work with Walker Poke-Thru System RC 3-Series. 1.02"H (25.9mm) x 2.3"W (58.3mm) x 0.69"L (17.6mm)	Black Only	10	50

MINI-COM® Surface Mount Boxes

- Cable entry from side and rear knockouts and from opening in base
- Accepts *MINI-COM* Modules for UTP (including Category 5e, Category 6), Fiber Optic and Coax cables
- Surface box screw covers can be used in place of clear label holders (4 module space and greater)
- Mounts easily with screws, adhesive tape or magnet
- Combination label holder/screw cover for custom identification (4 module space and greater)
- Can be clearly identified with labels found on *pages 173-177*

NEW!

CBX1

CBXJ2

CBX2

CBXC4

CBX4

NEW!

CBXD6

CBX12

Part Number	Description	Color‡	Can Be Used With *PAN-WAY*™ Raceway	Std. Pkg. Qty.	Std. Ctn. Qty.
1 Module Space Surface Mount Box					
CBX1IW-A	Surface mount box holds one *MINI-COM* Connector Module. Supplied with adhesive backing. 0.90"H (22.8mm) x 1.01"W (25.5mm) x 1.88"L (47.7mm)	Off White	LD3, LDP3, LDS3*	1	10
2 Module Space Surface Mount Box					
CBXJ2IW-A	Surface mount box holds up to two *MINI-COM* Connector Modules. Supplied with adhesive backing. 0.91"H (23.1mm) x 1.77"W (45mm) x 2.44"L (62mm)	Off White	LDP5, LD5*	1	10
2 Module Space Surface Mount Box					
CBX2IW-A	Surface mount box holds up to two *MINI-COM* Connector Modules. Supplied with adhesive backing. 1.06"H (27mm) x 1.95"W (50mm) x 3.65"L (93mm)	Off White	LDP3, LD3, LDP5, LD5	1	10
4 Module Space Low Profile Surface Mount Box					
CBXC4IW-A	Surface mount box holds up to four *MINI-COM* Connector Modules. Supplied with mounting screws, adhesive backing. 0.91"H (23mm) x 3.2"W (80mm) x 3.2"L (80 mm)	Off White	LD3, LD5, LDP3, LDP5	1	10
4 Module Space Surface Mount Box					
CBX4IW-A	Surface mount box holds up to four *MINI-COM* Connector Modules. Provides slots that accept cable ties for strain relief. Provides bend radius control. Supplied with mounting screws, adhesive backing and label holder/screw cover. 1.1"H (28mm) x 2.9"W (74mm) x 4.5"L (114mm)	Off White	LD3, LD5	1	10
6 Module Space Surface Mount Box					
CBXD6IW-A	Surface mount box holds up to six *MINI-COM* Connector Modules. Provides slots that accept cable ties for strain relief. Provides bend radius control. Supplied with mounting screws, adhesive backing and label holder/screw cover. 1.04"H (26.3mm) x 4.95"W (125.7mm) x 3.79"L (96.2mm)	Off White	LD3, LD5, LD10	1	10
12 Module Space Surface Mount Box					
CBX12IW-A	Surface mount box holds up to twelve *MINI-COM* Connector Modules. Supplied with mounting screws, adhesive backing and label holder/screw cover. 1.035"H (26mm) x 5.71"W (145mm) x 5.45"L (138mm)	Off White	LD5, LD10	1	10

‡Other colors available. See *page 38*.
*Raceway does not enter box.

MINI-COM® Multi-Media/Fiber Surface Mount Boxes

- Accepts MINI-COM Modules for UTP (including Category 5e, Category 6), Fiber Optic cables, Coax cables and OPTI-JACK® Fiber Connector Modules
- Slots accept cable ties for cable management
- Mounts easily with screws or adhesive tape
- Tamper resistant screw for added security
- Unique fiber spool design secures cable in place
- Splicing capacity available
- Built-in fiber spool stores up to 78.8 feet (24 meters) of buffered fiber optic cable
- Cable entry from side and rear knockouts and from opening in bottom of base
- Surface box screw covers can be used in place of clear label holders
- Fiber Box Expander upgrades CBXF6 to accept twelve connector modules
- Can be clearly identified with labels found on *pages 173-177*

CBXF6

CBXF12

CBXF6KITIW

Part Number	Description	Color‡	Can Be Used With PAN-WAY™ Raceway	Std. Pkg. Qty	Std. Ctn. Qty.
6 Module Space Multi-Media/Fiber Boxes					
CBXF6IW-A	Surface mount box holds up to six MINI-COM Connector Modules or six OPTI-JACK Fiber Connector Modules. 0.99"H (25mm) x 4.71"W (120mm) x 6.67"L (170mm)	Off White	LD3, LD5	1	10
12 Module Space Multi-Media/Fiber Boxes					
CBXF12IW-A	Surface mount box holds up to twelve MINI-COM Connector Modules or twelve OPTI-JACK Fiber Connector Modules. 1.81"H (46mm) x 4.71"W (120mm) x 6.67"L (170mm)	Off White	LD3, LD5, LD10	1	10
Fiber Box Expander					
CBXF6KITIW	Includes bridge, deep cover and tamper resistant screw.	Off White	LD3, LD5, LD10	1	10

‡Other colors available. See *page 38*.
Supplied with mounting screws and adhesive backing.

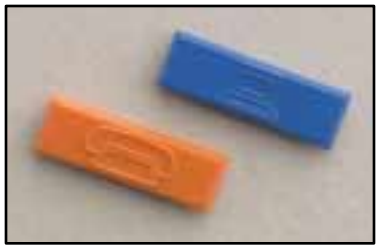
Standards: TIA/EIA-568-A requires a minimum 1 meter slack and 1" bend radius control.

Optional Magnet

Part Number	Description	Std. Pkg. Qty	Std. Ctn. Qty.
Optional Magnet			
CBM-X	Optional magnets snap into box base for mounting to metal desks or file cabinets. (Two magnets per box recommended)	10	100

No adapters are required.

NEW! Icons



- Provide identification of copper and fiber installations
- Snaps in all MINI-JACK™ connectors (see *pages 3*, *10-11*) and OPTI-JACK connectors (see *page 24*) and select faceplates (see *page 38*)

Part Number	Description	Color‡	Std. Pkg. Qty	Std. Ctn. Qty.
Icons				
CIPIW-C	Plastic snap-in icon with phone image.	Off White	100	1000
CIDIW-C	Plastic snap-in icon with data image.	Off White	100	1000

‡Other colors available. See *page 3*.

Screw Cover for Faceplates and Surface Boxes

- Designed for use in place of clear label covers
- Works with single gang *MINI-COM*® Classic with Labels and Executive Faceplates

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Screw Cover				
CSCIW-X	Screw cover has a textured surface. It blends in with the faceplates for improved aesthetics. It snaps in quickly to speed installation.	Off White	10	50

‡Other colors available. See *page 38*.
Screw cover can also be used with *MINI-COM* 4 and 6 module space surface mount boxes and 6 and 12 module space multi-media/fiber outlets

Label/Label Cover Kit

- Works with Executive and Classic Series with Labels Faceplates

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Label/Label Cover Kit			
CSGLLC-L	Replacement single gang *MINI-COM* label/label cover kit. Each kit contains 50 labels and 50 clear label covers.	50	250

Label/Label Cover Kits with Screws

- Works with Executive and Classic Series with Labels Faceplates

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Label/Label Cover Kits with Screws			
EFPK-X	Single gang replacement label/label cover and screws.	10	50
EFPK102G-X	Double gang replacement label/label cover and screws.	10	50

Bulk Package Faceplates

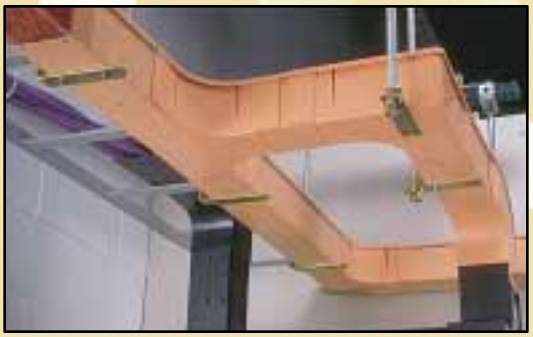
Part Number	Description	Color‡	Bulk Pkg. Qty.
Bulk Package Faceplates — Executive Series			
CFPE1IW-L	Executive Series one module space bulk pack	Off White	50
CFPE2IW-L	Executive Series two module space bulk pack	Off White	50
CFPE4IW-L	Executive Series four module space bulk pack	Off White	50
CFPE6IW-L	Executive Series six module space bulk pack	Off White	50
Bulk Package Faceplates — Classic Series			
CFP1IW-L	Classic Series one module space bulk pack	Off White	50
CFP2IW-L	Classic Series two module space bulk pack	Off White	50
CFP4IW-L	Classic Series four module space bulk pack	Off White	50
CFPH2IW-L	Classic Series Horizontal two module space bulk pack	Off White	50
CFPH4IW-L	Classic Series Horizontal four module space bulk pack	Off White	50
CFPHS2IW-L	Classic Series Horizontal, Sloped two module space bulk pack	Off White	50
CFPHSL4IW-L	Classic Series with Labels Horizontal, Sloped four module space bulk pack	Off White	50
CFPL2IW-L	Classic Series with Labels two module space bulk pack	Off White	50
CFPL3IW-L	Classic Series with Labels three module space bulk pack	Off White	50
CFPL4IW-L	Classic Series with Labels four module space bulk pack	Off White	50
CFPL6IW-L	Classic Series with Labels six module space bulk pack	Off White	50
CFPSL4IW-L	Classic Series with Labels, Sloped four module space bulk pack	Off White	50

‡For other colors add suffix "EI" Electric Ivory and "WH" White.

PANDUIT®
NETWORK CONNECTIVITY GROUP

The *PANDUIT NETWORK CONNECTIVITY GROUP* offers the market's most complete selection of communications **cable management solutions**. Count on Panduit to streamline and support your entire infrastructure... from the closet to the workstation.

Panduit Horizontal and Vertical cable Management Solutions



FIBER-DUCT™ Routing System

NET-FRAME™ Rack System

The *PANDUIT NETWORK CONNECTIVITY GROUP* provides a complete cable management solution for every application. Products incorporate a lower profile design enabling higher density workstation outlet and telecommunications closet solutions.

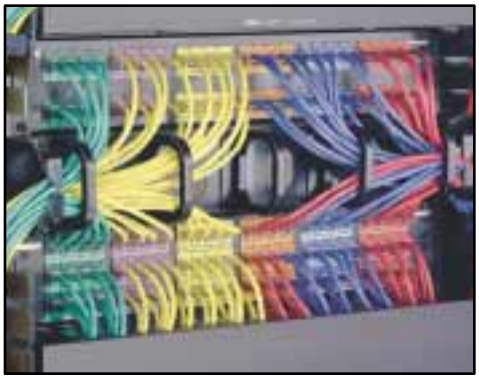
Cable management products are also designed for ease of use. Individual modules snap in and out, enabling cable management products to be used with UTP, fiber optic and coax connectors. Complete modularity simplifies moves, adds and changes throughout the workstation and telecommunications closet.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

TELECOMMUNICATIONS CLOSET SOLUTIONS

IN-Cabinet Cable Management System



OPEN-ACCESS™ Cable Management System

Hinged Cover Solutions

The *PANDUIT NETWORK CONNECTIVITY GROUP* provides the world's leading solution for closet based cable management. These management products are critical factors in your ability to maintain an orderly and clean work environment; implement quick and easy moves, adds, and changes; and maintain the integrity of your fiber and copper cabling plant in order to maximize long term performance.

The *PANDUIT NETWORK CONNECTIVITY GROUP* leads the market in telecommunications closet solutions with...

A solid foundation.

The new *NETFRAME*™ Rack System provides a robust, attractive and manageable base for network cabling.

Breadth of product line.

The *PANDUIT NETWORK CONNECTIVITY GROUP* offers a wide variety of flexible horizontal and vertical cable managers. This includes cable management for EIA standard racks and cabinets in both duct and D-ring versions.

Integrated solutions.

To provide a complete cable management solution, Panduit's cable management racks can be used with the Panduit *FIBER-DUCT*™ Routing System. The *FIBER-DUCT* System is designed to segregate and route fiber-optic and copper cabling to and between racks within the communications closet.

High density fiber and copper termination and splicing solutions.

The *PANDUIT NETWORK CONNECTIVITY GROUP* offers modular patch panels that contain 72 duplex fiber or RJ style copper connectors in just two rack spaces.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 6914**

Sold exclusively by authorized Panduit distributors.

MINI-COM® Snap-In 4 Port Faceplate Patch Panels

- Available with or without labels
- Mount to standard EIA 19" racks
- High density (24 ports per rack space)
- Faceplates removable from front
- For installations which are accessible from the front and back
- Accept all MINI-COM Modules for UTP, ScTP, Coax and Fiber Optic cables
- Can be clearly identified with labels found on page 171

NEW!
CPPL24WBL

NEW!
CPPL48WBL

CPP24WBL

CPP48WBL

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
MINI-COM Snap-In Faceplate Patch Panel - With Label Faceplates				
CPPL24WBL	Patch panel SUPPLIED WITH 6 CFFPL4 type snap-in faceplates. Accepts up to 24 MINI-COM Modules.	1	1	10
CPPL48WBL	Patch panel SUPPLIED WITH 12 CFFPL4 type snap-in faceplates. Accepts up to 48 MINI-COM Modules.	2	1	10
MINI-COM Snap-In Faceplate Patch Panel - With Faceplates				
CPP24WBL	Patch panel SUPPLIED WITH 6 CFFP4 type snap-in faceplates. Accepts up to 24 MINI-COM Modules.	1	1	10
CPP48WBL	Patch panel SUPPLIED WITH 12 CFFP4 type snap-in faceplates. Accepts up to 48 MINI-COM Modules.	2	1	10

^ One rack space = 1.75" (44.45mm)
Add suffix "-P" to end of part number for point of purchase packaging for use with merchandising displays
Connector modules sold separately.

NEW! MINI-COM Snap-In 6 Port Faceplate Patch Panels

- Mount to standard EIA 19" racks
- High density groups of 6 (24 ports per rack space)
- Faceplates removable from front
- Low profile for better bend radius control
- For installations which are accessible from the front and back
- Accept all MINI-COM Modules for UTP, ScTP, Coax and Fiber Optic cables
- Can be clearly identified with labels found on page 171

CPPL24M6BL

CPPL48M6BL

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
MINI-COM 24 Port Snap-In Faceplate Patch Panel - With Label Faceplates				
CPPL24M6BL	Patch panel SUPPLIED WITH 4 six position snap-in furniture faceplates. Accepts up to 24 MINI-COM Modules.	1	1	10
MINI-COM 48 Port Snap-In Faceplate Patch Panel - With Label Faceplates				
CPPL48M6BL	Patch panel SUPPLIED WITH 8 six position snap-in furniture faceplates. Accepts up to 48 MINI-COM Modules.	2	1	10

^ One rack space = 1.75" (44.45mm)

MINI-COM All Metal Modular Patch Panels

- Modules snap directly into the panel – no faceplates are required
- Mount to standard EIA 19" racks
- Accept all MINI-COM Modules for UTP, ScTP, Coax and Fiber Optic cables
- Facilitates upgrading in the future by replacing modules
- Can be clearly identified with labels found on page 171

NEW!
CP16BL

CP24BL

CP48BL

CP72BL

CP96BL

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
MINI-COM All Metal Modular Patch Panel				
CP16BL	Accepts all MINI-COM Connector Modules.	1	1	10
CP24BL	Accepts all MINI-COM Connector Modules.	1	1	10
CP48BL	Accepts all MINI-COM Connector Modules.	2	1	10
CP72BL	Accepts all MINI-COM Connector Modules. Rear cable management is required to prevent twisting.	2	1	10
CP96BL	Accepts all MINI-COM Connector Modules.	4	1	10
Grounding Kit for All Metal Modular Patch Panel				
PGK	Attaches CP**BL Panel to grounding bus when used with painted racks in shielded applications.	—	1	10

^ One rack space = 1.75" (44.45mm)
Add suffix "-P" to CP24BL, CP48BL and CP72BL for point of purchase packaging.
Not recommended for use with Duplex SC module. If Duplex SC module is used however, two release levers must be activated on the all metal modular patch panel to release the module.
Each patch panel includes the CPT tool to ease removal of MINI-COM Connector Modules.
Connector modules sold separately.

MINI-COM® All Metal Modular Patch Panel with Strain Relief Bar

- Cable tie slots provided for managing individual cables
- Contoured support helps to maintain high performance cable bend radius

CP24WSBL

Part Number	Description	No. of Rack Spaces	Std. Pkg. Qty.	Std. Ctn. Qty.
***MINI-COM* All Metal Modular Patch Panels with Strain Relief Bar**				
CP16WSBL	Includes features described in All Metal Modular Patch Panel in addition to a strain relief bar to provide cable management.	1	1	10
CP24WSBL		1	1	10
CP48WSBL		2	1	10
Grounding Kit for All Metal Modular Patch Panel with Strain Relief Bar				
PGKE	Attaches CPxxWSBL panel to grounding bus when used with painted racks in shielded applications.	—	1	10

^ One rack space = 1.75" (44.45mm)
Not recommended for use with Duplex SC module. If Duplex SC module is used however, two release levers must be activated on the all metal modular patch panel to release the module. Connector modules sold separately.
Connector modules sold separately.

MINI-COM 12 Port Snap-In Faceplate Patch Panel

- Accepts all *MINI-COM* Modules for UTP, ScTP, Coax and Fiber Optic cables and *OPTI-JACK*® Fiber Optic Connector Modules
- Mounts directly onto wall or modular furniture
- Modular design for easy cabling revisions
- Color: Black

CWPP12WBL

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
***MINI-COM* 12 Port Snap-In Faceplate Patch Panel**			
CWPP12WBL	Patch panel SUPPLIED WITH 3 CFFP4 type snap-in faceplates. Accepts up to 12 *MINI-COM* Modules.	1	10

Connector modules sold separately.

MINI-COM 12 Port Snap-In Faceplate Patch Panel — 89D Mount

- Accepts all *MINI-COM* Modules for UTP, ScTP, Coax and Fiber Optic cables and *OPTI-JACK* Fiber Optic Connector Modules
- Mounts to standard "89D" bracket
- Modular design for easy cabling revisions
- Color: Black

CPP12WBL

WB89D

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
***MINI-COM* 12 Port Snap-In Faceplate Patch Panel**			
CPP12WBL	Patch panel SUPPLIED WITH 3 CFFP4 type snap-in faceplates. Accepts up to 12 *MINI-COM* Modules.	1	10
WB89D	Accepts *MINI-COM* 12 port snap-in faceplate patch panels as shown above. Can also be used to mount industry standard 66 blocks.	1	10

Connector modules sold separately.

NEW! UL CSA *GIGA-TX*™ Modular Jacks for Patch Panels

- Packaged specifically for modular patch panels
- Features a revolutionary new termination method which speeds installation and reduces conductor untwists to provide superior performance
- Utilizes *GIGA-TX* Technology to optimize performance by reducing conductor untwists

CJ688TBL-24 **CJ5E88TBL-24** **CJ588TBL-24**

Part Number	Description	No. of Module Spaces	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
***GIGA-CHANNEL*™ *MINI-JACK*™ *TX-6*™ Modular Jack**					
CJ688TBL-24	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes	1	Black ONLY	24	240
***MINI-JACK TX-5e*™ Modular Jack**					
CJ5E88TBL-24	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes	1	Black ONLY	24	240
***MINI-JACK TX-5*™ Modular Jack**					
CJ588TBL-24	8 position, 8 wire universal modular jack. Termination cap is color coded for T568A and T568B wiring schemes	1	Black ONLY	24	240

Works with modular patch panels found on *page 51*.

NEW! NETFRAME™ Rack System

- Completely modular system includes 6" deep channels and 16 modular D-rings for vertical cable management, metal hinged doors, top bend radius control channels and assembly hardware
- Bottom channel can accommodate power outlets
- Pass through holes on front and side of channels provide convenient patching front to back or between racks
- Heavy duty shelves available to accommodate network equipment
- Top channel provides pathway with or without ladder rack
- Compatible with horizontal cable management panels, including wiring duct and OPEN-ACCESS™ D-ring panel options, OPTICOM™ fiber optic enclosures and other 19" rack mount products
- Easy field installation

HEAVY DUTY

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
NETFRAME Rack System				
CMRSW1970	Cable management rack system 19"W x 7'0"H	45	1	1
CMRSW2370	Cable management rack system 23"W x 7'0"H	45	1	1
CMRS1970	Cable management rack system 19"W x 7'0"H without hinged doors	45	1	1
CMRSW1976	Cable management rack system 19"W x 7'6"H	49	1	1
CMRSW2376	Cable management rack system 23"W x 7'6"H	49	1	1
NETFRAME Rack System Accessories				
CMRSTCW	Cable management rack system top center waterfall for 19" wide rack	—	1	1
CMRSTCW23	Cable management rack system top center waterfall for 23" wide rack	—	1	1
CMRSHLF19	Cable management rack system 19" heavy duty shelf	3	1	1
CMRSHLF23	Cable management rack system 23" heavy duty shelf	3	1	1
CMRSVC	Cable management rack system vertical hinged door. Two doors included. Hardware included for installation on back of rack.	—	1	1
CMRSDR1	Cable management rack system D-ring 4"x4"	—	1	1

^ One rack space = 1.75" (44.45mm)

Panduit® Standard EIA 19" Racks

- Can be used with all Panduit Cable Management and Patch Panel products in addition to any industry standard 19" components
- Sturdy aluminum construction
- #12-24 universal mounting hole spacing
- Smooth, black finish
- Assembly required

CMR

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.
84" High Standard EIA 19" Racks			
CMR19X84	Standard EIA 19" rack. 84" overall height.	45	1
47" High Standard EIA 19" Racks			
CMR19X47	Standard EIA 19" rack. 47.25" overall height.	24	1
#12-24 Mounting Screws			
S1224-C	#12-24 Mounting Screws	100	1000

^ One rack space = 1.75" (44.45mm)

Vertical Cable Management System

- Manages cables on front and rear of telecommunication racks
- Covers snap off so cables are accessible for quick revisions
- Bracket design allows panels to mount on backside of standard 19" racks
- Maintains high performance copper and Fiber Optic cable bend radii
- Supplied with mounting brackets and screws
- Rounded duct fingers protect cables and installer's hands, retain cables in place and can be removed for cable routing
- Cable pass through holes for easy wiring
- Wire retainer design holds cable in place for quick moves, adds and changes
- Available in standard and high capacity versions

Enhanced "Standard" Version

WMPVS
Mounts to rear sides of standard EIA 19" racks

WMPVC
Mounts to rear sides between adjacent standard EIA 19" racks

WR5-C
- Wire retainers included

Enhanced Fiber Optic Version

- Ideal for use with 4" x 4" *FIBER-DUCT*™ Fittings
- Manage fiber cable from ceiling or floor to rack
- Large capacity double sided vertical wiring duct
- Panels designed to work with *OPTICOM*™ Fiber Distribution products
- Panels can be used for both fiber optic and twisted pair cabling applications

FMPVS
Mounts to rear sides of standard EIA 19" or 23" racks

FMPVC
Mounts to rear sides between adjacent standard EIA 19" or 23" racks

4" x 5" Duct on Front ← → 4" x 4" Duct on Rear

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.
Side Panel – Manages cables on front and rear of rack			
WMPVS20	Includes 4" x 5" duct on front and rear. 35" height	20	1
WMPVS45	Includes 4" x 5" duct on front and rear. 83" height	45	1
WMPVHD45	Includes 6" x 6" duct on front and rear. 83" height	45	1
WMPVS50	Includes 4" x 5" duct on front and rear. 95" height	50	1
Side Panel – Manages cables on front of rack only			
WMPVSF20	Includes 4" x 5" duct on front, 35" height	20	1
WMPVSF45	Includes 4" x 5" duct on front, 83" height	45	1
WMPVHDF45	Includes 6" x 6" duct on front. 83" height	45	1
Center Panel – Manages cables on front and rear of rack			
WMPVC20	Includes 4" x 5" duct on front and rear. 35" height	20	1
WMPVC45	Includes 4" x 5" duct on front and rear. 83" height	45	1
WMPVC50	Includes 4" x 5" duct on front and rear. 95" height	50	1
Center Panel – Manages cables on front of rack only			
WMPVCF20	Includes 4" x 5" duct on front, 35" height	20	1
WMPVCF45	Includes 4" x 5" duct on front, 83" height	45	1

Maximum capacity: WMPV: 240 (Category 5e, 24 AWG 4-pair UTP) cables per side
Maximum capacity: WMPVHD: 480 (Category 5e, 24 AWG 4-pair UTP) cables per side

Fiber Optic Side Panel – Manages cables on front and rear of rack			
FMPVS20 **FMPVS45**	Includes 4" x 5" duct on front, 4" x 4" duct on rear. 35" height Includes 4" x 5" duct on front, 4" x 4" duct on rear. 83" height	20 45	1 1
Fiber Optic Center Panel — Manages cables on front and rear of rack			
FMPVC20 **FMPVC45**	Includes 4" x 5" duct on front, 4" x 4" duct on rear. 35" height Includes 4" x 5" duct on front, 4" x 4" duct on rear. 83" height	20 45	1 1

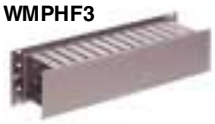
^ One rack space = 1.75" (44.45mm)
Maximum capacity: FMPV: 200 (Category 5e, 24 AWG 4-pair UTP) cables per side
Approximate based on .187" (.475cm) O.D. cable
Rear rack mounting holes required

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
High Capacity Center Mount Kit			
WMPVHDCB	Converts vertical side panels (WMPVHD45 and WMPVHDF45) to a center mount.	1	10

Horizontal Cable Management System

- Manages cables on front and rear of telecommunication racks
- Helps maintain high performance copper and Fiber Optic cable bend radii
- Covers snap off so cables are accessible for quick revisions
- All panels mount to standard EIA 19" racks or 23" racks when used with extender brackets
- Duct fingers retain cables in place
- Color: Black

WMPHF3



WMPH2

WMPHF2

WMP1

WMPF1

WMPS

WMPFS

Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.	Std. Ctn. Qty.
Three Rack Space Panel – Manages cables on front of rack only				
WMPHF3	Includes 4" x 5" duct on front accepts 2 bend radius control clips, 12-24 mounting screws, 3 wire retainers and front covers.	3	1	10
Two Rack Space Panel – Manages cables on front and rear of rack				
WMPH2	Includes 3" x 3" duct on front, 2" x 5" duct on rear, 2 bend radius control clips, 12-24 mounting screws, 3 wire retainers and front and rear covers. Total width: 20.18" (512.7mm)	2	1	10
Two Rack Space Panel – Manages cables on front of rack only				
WMPHF2	Includes 3" x 3" duct on front, 2 bend radius control clips, 12-24 mounting screws, 3 wire retainers and front cover. Total width: 20.18" (512.7mm)	2	1	10
Replacement Cover				
WMPH2-RFC	Replacement front cover WMPH2, WMPHF2	2	1	10
Two Rack Space Panel – Manages cables on front and rear of rack				
WMP1	Includes 3" x 3" duct on front, 2" x 4" duct on rear, 12-24 mounting screws, 3 wire retainers and front and rear covers. Total width: 19.0" (482.6mm)	2	1	10
Two Rack Space Panel – Manages cables on front of rack only				
WMPF1	Includes 3" x 3" front duct, 3 wire retainers and 12-24 mounting screws. Total width: 19.0" (482.6mm)	2	1	10
WMP1-RFC	Replacement front cover for WMP1, WMPF1.	2	1	10
WMP1-RBC	Replacement rear cover for WMP1, WMPH2.	2	1	10
One Rack Space Panel – Manages cables on front and rear of rack				
WMPS	Includes 1.5" x 3" front duct, 1" x 4" rear duct and 12-24 mounting screws.	1	1	10
WMPLS	Includes 1.5" x 2" front duct, 1" x 4" rear duct and 12-24 mounting screws.	1	1	10
One Rack Space Panel – Manages cables on front of rack only				
WMPFS	Includes 1.5" x 3" front duct and 12-24 mounting screws.	1	1	10
WMPLFS	Includes 1.5" x 2" front duct and 12-24 mounting screws.	1	1	10
WMPS-RFC	Replacement front cover.	1	1	10
WMPS-RBC	Replacement rear cover.	1	1	10

^ One rack space = 1.75" (44.45mm)
Maximum capacity:1 Rack Space Panel (WMPS): 36 Category 5e, 24 AWG, 4 pair UTP cables per side
2 Rack Space Panels: 72 Category 5e, 24 AWG, 4 pair UTP cables per side
3 Rack Space Panels: 192 Category 5e, 24 AWG, 4 pair UTP cables per side
Approximate based on .187" (4.75mm) O.D. cable

New Hinged Covers

- Optional hinged covers to replace standard covers
- Hinge in either direction

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Vertical Hinged Covers			
WMPV20-HRC	Hinged replacement cover for vertical cable management panels WMPVS20, WMPVSF20, WMPVC20 and WMPVCF20; 4.0"W x 17.5"L; 2 required per panel side.	1	10
WMPV45-HRC	Hinged replacement cover for vertical cable management panels WMPVS45, WMPVSF45, WMPVC45 and WMPVCF45; 4.0"W x 41.5"L; 2 required per panel side.	1	10
Horizontal Hinged Covers			
WMPH2-HRFC	Hinged replacement front (only) cover for horizontal cable management panels WMPH2 and WMPHF2; 3.0"H x 19.84"W; 1 required per panel side.	1	10
WMP1-HRFC	Hinged replacement front (only) cover for horizontal cable management panels WMP1 and WMPF1; 3.0"H x 17.0"W; 1 required per panel side.	1	10
WMPLS-HRFC	Hinged replacement front (only) cover for horizontal cable management panels WMPLS and WMPFLS; 1.5"H x 17.0"W; 1 required per panel side.	1	10
WMPS-HRFC	Hinged replacement front (only) cover for horizontal cable management panels WMPS and WMPFS; 1.5"H x 17.0"W; 1 required per panel side.	1	10

NEW! OPEN-ACCESS™ Cable Management Components

- Unique snap on D-rings for complete flexibility
- Mount to standard EIA 19" racks or 23" racks when used with extender brackets
- Built-in cable tie slots for added management
- Help maintain cable bend radius
- Easy to install

Horizontal D-Ring Panels

CMPH2

CMPH2W

CMPHDR2

CMPHD2

CMPHF2

CMPHH2

CMPH1

CMPHF1

CMPHD1

CMPHHF1

Part Number	Description	No. of Rack Spaces^	Panel Height In.	Std. Pkg. Qty.
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPH2	Includes pre-assembled D-rings on **front and rear**. Front D-ring size = 3" x 3". Rear D-ring size = 3" x 5".	2	3.5	1
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPH2W	Includes pre-assembled D-rings on **front and rear**. Front D-ring size = 3" x 3". Rear D-ring size = 3" x 3". Includes panel, cover and bend radius control clip. Total length: 20.18" (512.7mm)	2	3.5	1
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPHDR2	Includes pre-assembled D-rings on **front** and 2" x 5" duct on **rear**. D-ring size = 3" x 3".	2	3.5	1
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPHD2	Includes 3" x 3" duct on **front** and pre-assembled D-rings on **rear**. D-ring size = 3" x 5".	2	3.5	1
Horizontal Panel— Manages Cables on Front of Rack				
CMPHF2	Includes pre-assembled D-rings on **front only**. Front D-ring size = 3" x 3".	2	3.5	1
Horizontal Panel— Manages Cables on Front of Rack				
CMPHH2	Includes pre-assembled 3" x 5" large capacity D-rings on **front only**. Designed for high density requirements when patching to and from HUBS.	2	3.5	1
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPH1	Includes pre-assembled D-rings on **front and rear**. Front D-ring size = 1.5" x 3.0". Rear D-ring size = 1.5" x 5.0".	1	1.75	1
Horizontal Panel— Manages Cables on Front of Rack				
CMPHF1	Includes pre-assembled D-rings on **front only**. Front D-ring size = 1.5" x 3.0".	1	1.75	1
Horizontal Panel— Manages Cables on Front and Rear of Rack				
CMPHD1	Includes pre-assembled D-rings on **front** and 1X4 duct on **rear**. Front D-ring size = 1.5" x 3".	1	1.75	1
Horizontal Panel— Manages Cables on Front of Rack				
CMPHHF1	Includes pre-assembled D-rings on **front only**. Front D-ring size = 1.5" x 5.0". Designed for high density requirements when patching to and from HUBS.	1	1.75	1

Cable Management D-Rings

- D-rings are designed to snap into panels only

CMDRH2

CMDRHD2

CMDRH1

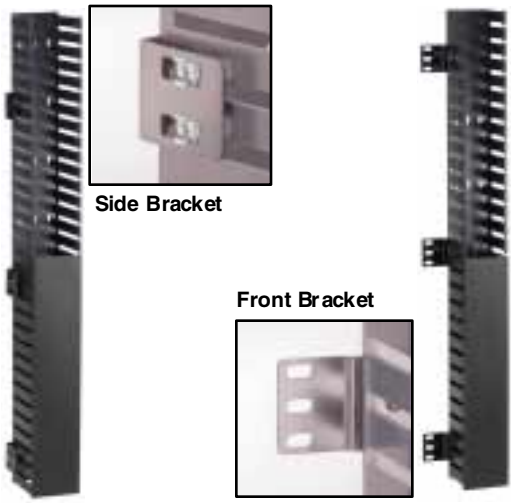
CMDRHD1

Part Number	Description	Cable Capacity UTP (.187)	Cable Capacity ScTP (.250)	Cable Capacity Fiber (3mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
CMDRH2	Horizontal D-ring 3" (7.62cm) x 3" (7.62cm)	96	48	252	1	10
CMDRHD2	Horizontal D-ring 3" (7.62cm) x 5" (12.7cm)	192	96	504	1	10
CMDRH1	Horizontal Low Profile D-ring 1.5" (3.81cm) x 3" (7.62cm)	40	24	100	1	10
CMDRHD1	Horizontal High Capacity D-ring 1.5" (3.81cm) x 5" (12.7cm)	52	32	132	1	10

D-Rings can ONLY be used on CMPH series panels.

NEW! *IN*-Cabinet Vertical Cable Management Solutions

- For managing cable within cabinets 28" or wider
- Easy to install to cabinet vertical mounting rails
- Two mounting bracket options to facilitate mounting to various cabinet configurations



Part Number	Description	No. of Rack Spaces^	Std. Pkg. Qty.
Side Mount Panels — Front Only			
CWMPV3440	3"W x 4"D x 6'H duct with side mount bracket, caged nut and screws.	40	1
CWMPV3418	3"W x 4"D x 32"H duct with side mount bracket, caged nut and screws.	18	1
CWMPV2440	2"W x 4"D x 6'H duct with side mount bracket, caged nut and screws.	40	1
CWMPV2418	2"W x 4"D x 32"H duct with side mount bracket, caged nut and screws.	18	1
Front Mount Panels — Front Only			
CWMPV2340	2"W x 3"D x 6'H duct with front mount bracket.	40	1
CWMPV2318	2"W x 3"D x 32"H duct with front mount bracket.	18	1
CWMPV3340	3"W x 3"D x 6'H duct with front mount bracket.	40	1
CWMPV3318	3"W x 3"D x 32"H duct with front mount bracket.	18	1

^ One rack space = 1.75" (44.45mm)

Cable Management Accessories

- Accessories used with all cable management products found on *pages 53-57*

NEW!
CMVDR1

WMBC

NEW!
CMVDR2

WMSRC1 **WMSRC2** **CMSRC2**

NEW! **PEB1**

NEW! **PEB2**

NEW! **BR2-1.3**

CRS1

NEW! **CRS6**

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Cable Management Brackets			
WMBC	Central bracket for routing cables between two adjacent racks. (Bracket requires 8.25" spacing between the center lines of the adjacent racks' mounting holes).	1	10
CMVDR1	Plastic vertical D-ring 1" wide. Mounts to standard EIA racks.	1	10
CMVDR2	Plastic vertical D-ring 2" wide. Mounts to standard EIA racks.	1	10
Strain Relief Clips			
WMSRC1	Strain relief clip for WMP1, WMPLS and WMPS. Mounts to rear of rack adjacent to horizontal panels.	1	10
WMSRC2	Strain relief clip for WMPH2. Mounts to rear of rack adjacent to horizontal panels.	1	10
Bend Radius Control Clip			
CMSRC2	Provides cable bend radius control and facilitates patch cable routing to and from horizontal cable management panels. Mounts directly to 19" or 23" EIA standard communication racks or cabinets. (2 RU)	1	10
Panel Extender Bracket			
PEB1	Converts horizontal panels from 19" to 23" (1 RU)	1	10
PEB2	Converts horizontal panels from 19" to 23" (2 RU)	1	10
Bundle Retainer			
BR2-1.3-X	Supports cable in vertical or horizontal configurations. Standard EIA hole spacing for mounting. Maximum bundle capacity: 2.0" (50.8mm)	10	—
BR2-1.3-A-X	Supports cable in vertical or horizontal configurations. Mounts with rubber adhesive. Maximum bundle capacity: 2.0" (50.8mm)	10	—
Stackable Cable Rack Spacer			
CRS1-X	Mounts to ladder rack with standard cross section cable ties. Accepts cable up to 0.8" in diameter. Used to fill width of ladder rack.	10	100
CRS6-X	Mounts to ladder rack with standard cross section cable ties. Accepts cable up to 0.8" in diameter.	10	100

Hinged Wall Brackets

- Mount to wall or standard EIA 19" racks
- 6" depth for use with Panduit Cable Management System
- Color: Black
- Integral cable tie slots manage cable slack
- Opening on base allows for easy access through wall
- Stackable for larger installations
- Include white write-on labeling areas
- Accept 12-24 screws
- New quick release hinged design for fast moves, adds and changes

WBH1

WBH2

WBH3

WBH4

Part Number	Description	No. of Rack Spaces ^	Std. Pkg. Qty.
1 Rack Space – Hinged Wall Bracket			
WBH1	Hinge allows easy access to cabling.	1	1
2 Rack Space – Hinged Wall Bracket			
WBH2	Hinge allows easy access to cabling.	2	1
3 Rack Space – Hinged Wall Bracket			
WBH3	Hinge allows easy access to cabling.	3	1
4 Rack Space – Hinged Wall Bracket			
WBH4	Hinge allows easy access to cabling.	4	1

^ One rack space = 1.75" (44.45mm)
WMP series horizontal cable management panels are recommended for use with WBH2 and larger hinged wall brackets.

Filler Panels

Filler Panels reserve rack space for future use and help keep installations manageable by acting as a divider.

- Mount to standard EIA 19" racks or wall bracket
- Stackable
- Include #12-24 mounting screws
- Color: Black

DPFP1

DPFP2

DPFP4

DPFP8

Part Number	Description	No. of Rack Spaces ^	Std. Pkg. Qty.	Std. Ctn. Qty.
1 Rack Space - Filler Panel				
DPFP1	Fills up one rack space	1	1	10
2 Rack Space - Filler Panel				
DPFP2	Fills up two rack spaces	2	1	10
4 Rack Space - Filler Panel				
DPFP4	Fills up four rack spaces	4	1	10
8 Rack Space - Filler Panel				
DPFP8	Fills up eight rack spaces	8	1	10

^ One rack space = 1.75" (44.45mm)

FIBER-DUCT™ ROUTING SYSTEM

NEW! Bend Radius Control Trumpet Fittings

FIBER-DUCT Routing System

FIBER-DUCT Fittings now feature "pre-drilled" holes

The *PANDUIT NETWORK CONNECTIVITY GROUP* provides leading solutions for closet routing. These routing products are compatible with our cable management solutions increasing your ability to maintain an orderly and clean work environment; implement quick and easy moves, adds and changes; and maintain the integrity of your fiber and copper cabling plant in order to maximize long term performance.

The *FIBER-DUCT* Routing System provides an integrated routing solution that can be used with Panduit's cable management rack system. The system is designed to segregate, route, and protect fiber-optic and copper cabling to and between racks within the communications closet.

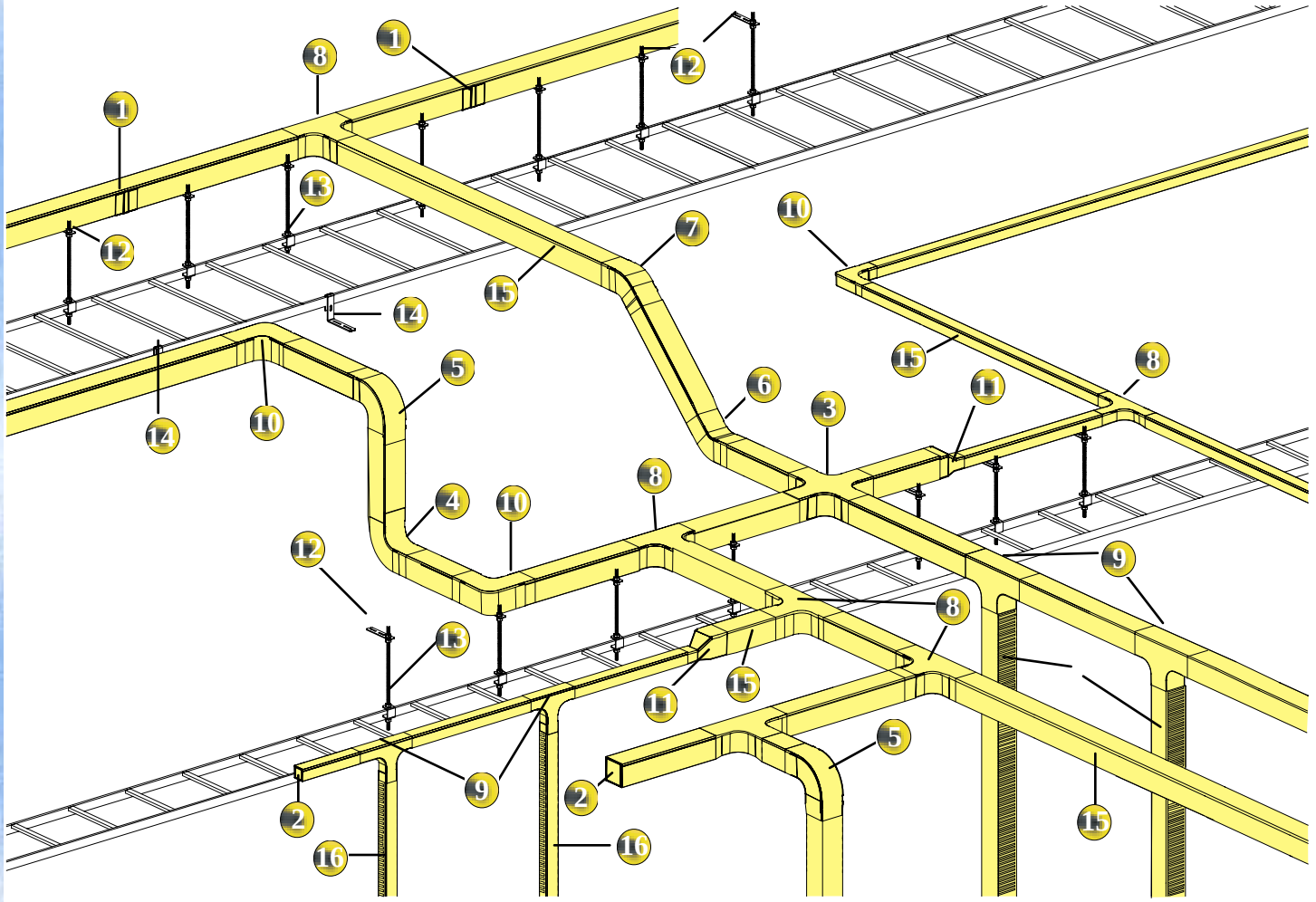
The FIBER-DUCT Routing System features:

Fully encloses cables for a secure installation, with easy access for future moves, adds and changes. Two system sizes, 2x2 and 4x4, to distribute moderate to large amounts of cable. 5 available system colors, Yellow (denotes singlemode fiber), Orange (denotes multimode fiber), Black, Light Gray and Clear. Complete offering of fittings, accessories and brackets. A minimum 2" bend radius control in standard fittings to protect against signal loss due to excessive cable bends.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

FIBER-DUCT™ Routing System Roadmap



1 Coupler Fitting
2 End Cap Fitting
3 Four Way Cross Fitting
4 Inside Vertical Right Angle
5 Outside Vertical Right Angle
6 Inside Vertical 45° Angle
7 Outside Vertical 45° Angle
8 Horizontal Tee Fitting
9 Vertical Tee Fitting
10 Right Angle Fitting
11 Reducer Fitting
12 Mounting Kit for new Thd. Rod Assembly
13 Mounting Kit for 1½" Ladder Rack
14 Mounting Kit for 1½" or 2" Ladder Rack
15 Type S Solid Wall Duct
16 Type E Slotted Duct

FIBER-DUCT Routing System

- NEC Compliant/UL Listed 2024

The FIBER-DUCT Routing System is a complete fiber optic cable routing system. This system can be used for all fiber optic cable trunking installations. The specially designed fittings feature a minimum 2" bend radius to protect fiber optic cables.

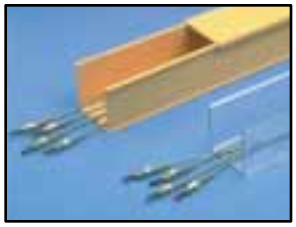
FIBER-DUCT Routing System features include:

- UL94V-0 Flammability rating on all fittings and duct
- Snap on non-slip covers
- Two sizes: 2" x 2" and 4" x 4"
- Minimum 2" bend radius fittings
- Available in Orange, Light Gray, Black and Yellow (Duct—PVC; Fittings—ABS material)
- Available in Clear (Polycarbonate material)
- Optimized for use with PAN-NET™ Network Cabling Wire Management System
- Manufactured in an ISO 9001 registered facility

Excellent for use in:

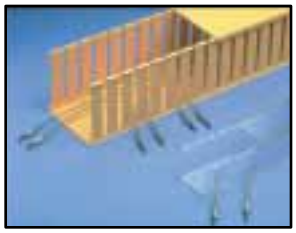
- Telecommunications Closets
- Central Offices
- Equipment rooms
- Entrance facilities
- Appropriate floor and ceiling spaces

FIBER-DUCT Solid and Slotted Wall Wiring Duct



Duct Part Number	Nominal Duct Size Width In (mm)	Nominal Duct Size Height In (mm)	Cover Part Number	Color‡	Material	Std. Length	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.
Types S and PS Solid Wall Wiring Duct								
S2X2YL6NM **PS2X2CL6NM**	2.00 (50.8mm)	2.00 (50.8mm)	**C2YL6** **PC2CL6**	Yellow Clear	PVC Polycarbonate	6 ft.	120 ft.	120 ft.
S4X4YL6NM **PS4X4CL6NM**	4.00 (101.6mm)	4.00 (101.6mm)	**C4YL6** **PC4CL6**	Yellow Clear	PVC Polycarbonate			

Note: Available with mounting holes. To order, delete NM from the Part Number.
NOTE2: S-Duct is available with 5/16" (8mm) assembly holes. Add P to the end of the part number. (ex. S2X2YL6P)



Types E and PE Slotted Wall Wiring Duct								
E2X2YL6 **PE2X2CL6**	2.00 (50.8mm)	2.00 (50.8mm)	**C2YL6** **PC2CL6**	Yellow Clear	PVC Polycarbonate	6 ft.	. 120 ft.	120 ft.
E4X4YL6 **PE4X4CL6**	4.00 (101.6mm)	4.00 (101.6mm)	**C4YL6** **PC4CL6**	Yellow Clear	PVC Polycarbonate			

‡PVC material parts listed in (YL) Yellow color. To order other colors in PVC material substitute (OR) Orange, (BL) Black, and (LG) Light Gray. Contact Factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

FIBER-DUCT™ System Fittings

- Fittings include 5/16" assembly holes for fast mechanical fastening
- Use with PANDUIT NR2WH-L or NR4BL-L Snap Rivets see *page 65*

FCF2X2
FCF4X4

FEC2X2
FEC4X4

FFWC2X2
FFWC4X4

FIVRA2X2
FIVRA4X4

FOVRA2X2
FOVRA4X4

FIV452X2
FIV454X4

FOV452X2
FOV454X4

FVT2X2
FVT4X4

FRA2X2
FRA4X4

FT2X2
FT4X4

FRF42

Part Number	Description	Material	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
FCF2X2YL **PFCF2X2CL**	Coupler Fitting — 2 x 2 Size Used to join two sections of duct together	ABS Polycarbonate	Yellow Clear	1 pc.	5 pcs.
FCF4X4YL **PFCF4X4CL**	Coupler Fitting – 4 x 4 Size Used to join two sections of duct together	ABS Polycarbonate	Yellow Clear		
FEC2X2YL **PFEC2X2CL**	End Cap Fitting — 2 x 2 Size Closes the end of the duct	ABS Polycarbonate	Yellow Clear		
FEC4X4YL PFEC4X4CL	End Cap Fitting — 4 x 4 Size Closes the end of the duct	ABS Polycarbonate	Yellow Clear		
FFWC2X2YL PFFWC2X2CL	Four Way Cross Fitting — 2 x 2 Size Used to join duct at four way cross intersections	ABS Polycarbonate	Yellow Clear		
FFWC4X4YL PFFWC4X4CL	Four Way Cross Fitting — 4 x 4 Size Used to join duct at four way cross intersections	ABS Polycarbonate	Yellow Clear		
FIVRA2X2YL PFIVRA2X2CL	Inside Vertical Right Angle Fitting — 2 x 2 Size Used to join duct at 90° inside corners	ABS Polycarbonate	Yellow Clear		
FIVRA4X4YL PFIVRA4X4CL	Inside Vertical Right Angle Fitting — 4 x 4 Size Used to join duct at 90° inside corners	ABS Polycarbonate	Yellow Clear		
FOVRA2X2YL PFOVRA2X2CL	Outside Vertical Right Angle Fitting — 2 x 2 Size Used to join duct at 90° outside corners	ABS Polycarbonate	Yellow Clear		
FOVRA4X4YL PFOVRA4X4CL	Outside Vertical Right Angle Fitting — 4 x 4 Size Used to join duct at 90° outside corners	ABS Polycarbonate	Yellow Clear		
FIV452X2YL PFIV452X2CL	Inside Vertical 45° Fitting — 2 x 2 Size Used to join duct at 45° inside corners	ABS Polycarbonate	Yellow Clear		
FIV454X4YL PFIV454X4CL	Inside Vertical 45° Fitting — 4 x 4 Size Used to join duct at 45° inside corners	ABS Polycarbonate	Yellow Clear		
FOV452X2YL PFOV452X2CL	Outside Vertical 45° Fitting — 2 x 2 Size Used to join duct at 45° outside corners	ABS Polycarbonate	Yellow Clear		
FOV454X4YL PFOV454X4CL	Outside Vertical 45° Fitting — 4 x 4 Size Used to join duct at 45° outside corners	ABS Polycarbonate	Yellow Clear		
FVT2X2YL PFVT2X2CL	Vertical Tee Fitting — 2 x 2 Size Used to join vertical and horizontal sections of duct	ABS Polycarbonate	Yellow Clear		
FVT4X4YL **PFVT4X4CL**	Vertical Tee Fitting — 4 x 4 Size Used to join vertical and horizontal sections of duct	ABS Polycarbonate	Yellow Clear		
FRA2X2YL PFRA2X2CL	Right Angle Fitting — 2 x 2 Size Used to join duct at 90° flat junctions	ABS Polycarbonate	Yellow Clear		
FRA4X4YL PFRA4X4CL	Right Angle Fitting — 4 x 4 Size Used to join duct at 90° flat junctions	ABS Polycarbonate	Yellow Clear		
FT2X2YL **PFT2X2CL**	Tee Fitting — 2 x 2 Size Used to join duct at tee intersections	ABS Polycarbonate	Yellow Clear		
FT4X4YL **PFT4X4CL**	Tee Fitting — 4 x 4 size Used to join duct at tee intersections	ABS Polycarbonate	Yellow Clear		
FRF42YL PFRF42CL	Reduces 4 x 4 size duct to 2 x 2 size.	ABS Polycarbonate	Yellow Clear		

‡ABS material parts listed in Yellow (YL) color. To order other colors in ABS material substitute Orange (OR), BL (Black), and Light Gray (LG). Contact Factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

FIBER-DUCT Innerduct Transition Fittings

FITF2X2M

FITF4X4AM

FITF4X4BM

Attaches to the end of FIBER-DUCT Type E and Type S Duct. It can also be attached anywhere along the side walls of the duct provided the duct fingers or side walls are removed.

Part Number	Description	Material	Std. Pkg. Qty.	Std. Ctn. Qty.
Innerduct Transition Fitting – 2 x 2 Size				
FITF2X2	Provides transition from 2 x 2 duct to 3/4" to 1" innerduct.	Metal**	1 pc.	10 pcs.
Innerduct Transition Fitting – 4 x 4 Size				
FITF4X4A	Transition from 4 x 4 duct to 1-2 pcs. 1" innerduct.	Metal**	1 pc.	10 pcs.
FITF4X4B	Transition from 4 x 4 duct to 1-2 pcs. 1 1/4" innerduct.	Metal**	1 pc.	10 pcs.

** Commercial grade cold rolled steel with zinc chromate finish.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

FIBER-DUCT Mounting Brackets

FTRB12

FTRBE12
FTRBE58

FTRBN12
FTRBN58

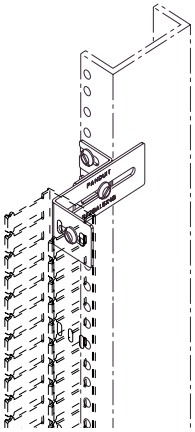
FLRB

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
FTRB12	Bracket attaches to UNISTRUT® Metal Framing. Accepts 1/2" threaded rod (not included). Contains bracket and hardware for attaching to metal framing*.	1 pc.	10 pcs.
FTRBE12	Bracket attaches to existing 1/2" threaded rod (not included). Contains bracket and hardware for attaching to threaded rods.	1 pc.	10 pcs.
FTRBE58	Bracket attaches to existing 5/8" threaded rod (not included). Contains bracket and hardware for attaching to threaded rods.	1 pc.	10 pcs.
FTRBN12	Bracket attaches to new 1/2" threaded rod (not included). Contains bracket and hardware for attaching to threaded rods.	1 pc.	10 pcs.
FTRBN58	Bracket attaches to new 5/8" threaded rod (not included). Contains bracket and hardware for attaching to threaded rods.	1 pc.	10 pcs.
FLRB	Bracket attaches to 3/8" x 1-1/2" or 3/8" x 2" ladder rack rails. Contains hardware for attaching bracket to ladder rack. Also contains hardware for attaching duct/fittings to bracket.	1 pc.	10 pcs.
FZBA1.5X4	Bracket used to offset duct from mounting surface, adjustable from 1-1/2 to 4".	1 pc.	10 pcs.

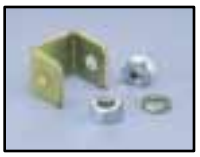
*UNISTRUT® is a registered trademark of UNISTRUT Corporation

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

FZBA1.5X4



FIBER-DUCT™ Mounting Brackets (cont'd)

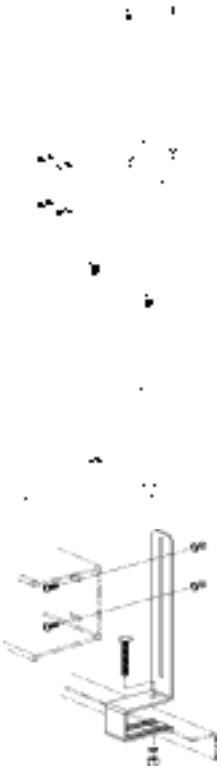


FLB12X15
FLB12X20
FLB58X15
FLB58X20

FUSB

FLB

FMRB



Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
FLB12X15	Bracket attaches to 1-1/2" ladder rack rail. Bracket accepts 1/2" threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1 pc.	10 pcs.
FLB12X20	Bracket attaches to 2" ladder rack rail. Bracket accepts 1/2" threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1 pc.	10 pcs.
FLB58X15	Bracket attaches to 1-1/2" ladder rack rail. Bracket accepts 5/8" threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1 pc.	10 pcs.
FLB58X20	Bracket attaches to 2" ladder rack rail. Bracket accepts 5/8" threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1 pc.	10 pcs.
FUSB	Bracket attaches to under-floor support pedestal (not included). Contains bracket and hardware for attaching bracket to pedestal. Also contains hardware for attaching duct/fittings to "L" Bracket.	1 pc.	10 pcs.
FLB	"L" Bracket attaches to walls. User supplies appropriate mounting hardware for attaching "L" Bracket to walls. Contains bracket and hardware for attaching duct/fittings to "L" Bracket.	1 pc.	10 pcs.
FMRB	"L" Bracket attaches to top rail of rack for added support. Contains bracket and hardware for attaching "L" Bracket to rack and bracket to duct.	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW!

FIBER-DUCT Adapter

FADC4X4

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
FADC4X4	Adapter to 4" x 4" ADC Fiber-Guide® Fiber Cable Management System.	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

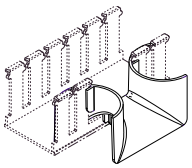
Fitting adapts ADC 4 X4 Fiber-Guide® Fiber Cable Management System* to 4 X 4 Panduit *FIBER-DUCT*.

*ADC 4 X4 Fiber-Guide® Fiber Cable Management System is a registered trademark of ADC Telecommunications, Inc.

NEW! FIBER-DUCT Bend Radius Control Trumpet

TRC2BL

TRC4BL



Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
TRC2BL	Bend radius control trumpet for 2" x 2" system.	1 pc.	10 pcs.
TRC4BL	Bend radius control trumpet for 4" x 4" system.	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

- Provides method to transition cabling into rack system
- Maintains 1" Bend Radius Control

FIBER-DUCT Accessories

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
NR2WH-L	Optional snap rivet fastens duct and fittings together for added strength and rigidity. Fastener mounts flush to duct surfaces. 2" x 2" rivet white color.	50 pcs.	500 pcs.
NR4BL-L	Optional snap rivet fastens duct and fitting together for added strength and rigidity. Fastener mounts flush to duct surfaces. 4" x 4" rivet black color.	50 pcs.	500 pcs.

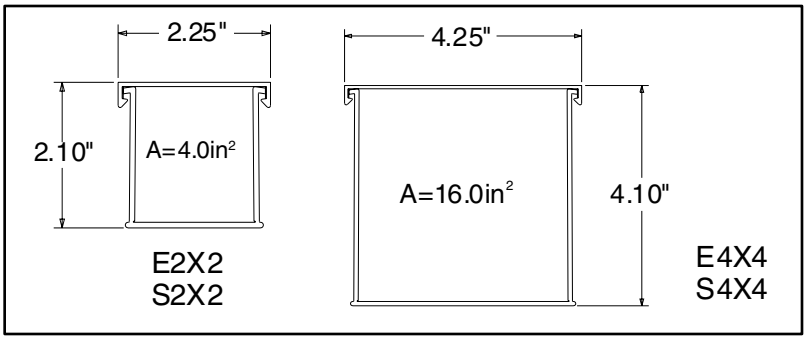
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Quick Wire Fill Capacities for *FIBER-DUCT* ™ Type E or Type S

This information is to be used as a guide in selecting the proper size duct. The maximum amounts may vary according to the cable fill installation methods, straightness of cables, etc.

SPEC=40% cablefill—*the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX=60% cablefill—*the maximum cable quantity based on cable interweaving and packing factors*

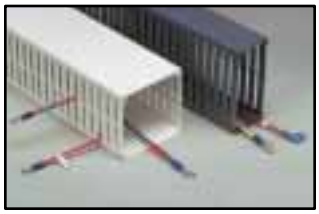


Fill Capacity Table for:
·Fiber Optic Cable · Data Grade 24 AWG UTP

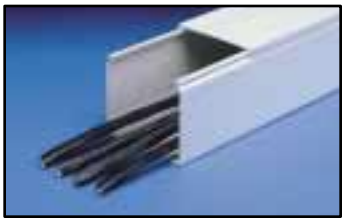
		Fiber Cable										Data Grade Cable 24 AWG/UTP CM **CAT5** 4 pr. DIAMETER 5.5mm (.217)	
		DIAMETER 2.0mm (0.079)		DIAMETER 3.0mm (.118)		DIAMETER 8.4mm (0.33)		DIAMETER 12.5mm (.492)		DIAMETER 14.5mm (.571)			
***FIBER-DUCT* System Type**	**Size**	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
FIBER-DUCT Type S or Type E Duct	2"x2"	297	446	132	198	16	25	7	11	5	8	39	58
	4"x4"	1216	1825	540	811	68	103	32	46	23	34	160	240

WIRING DUCT

Type G



Type F



Type FS

Type PE

Type PS

(File no. E147128)

(File no. 16446)

Panduit Wiring Duct is available in a selection of styles, sizes, colors and materials that can be used to protect, route and conceal cabling in general purpose applications from the work area to the communications closet.

Type G Slotted Wall Duct:

Sizes from 0.5" x 0.5" to 6" x 4". Wide finger width for larger diameter cables. Rigid PVC material; (UL flammability rating of V-0).

Type F Slotted Wall Duct:

Sizes from 0.5" x 0.5" to 4" x 5". High density finger and slot spacing. Rigid PVC material (UL flammability rating of V-0).

Type FS Solid Wall Duct:

Sizes from 0.5" x 0.5" to 6" x 4". Solid wall completely conceals and protects cabling. Rigid PVC material (UL flammability rating of V-0).

Type PE Slotted Wall Duct:

Sizes from 0.75" x 1.0" to 4" x 4". Special purpose polycarbonate material for use where low halogen and low smoke generation is critical. Wide finger width for larger diameter cables.

Type PS Solid Wall Duct:

Sizes from 0.75" x 1.0" to 4" x 4". Special purpose polycarbonate material for use where low halogen and low smoke generation is critical. Solid wall completely conceals and protects cabling.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

Wiring Duct

Type G Slotted Wall Duct

Type F Slotted Wall Duct

Type FS Solid Wall Duct (Supplied without mounting hole)

Type PE Wiring Duct

Type PS Wiring Duct

G Duct Part Numbers ‡	F Duct Part Numbers ‡	FS Duct Part Numbers‡	Nominal Duct Size Width In. (mm)	Nominal Duct Size Height In. (mm)	Cover Part Number	Std. Length	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.
G.5X.5LG6	**F.5X.5LG6**	**FS.5X.5LG6NM**	0.50 (12.7)	0.50(12.7)	**C.5LG6**	6 ft.	120 ft.	120 ft.
G.5X1LG6	**F.5X1LG6**	**FS.5X1LG6NM**		1.00 (25.4)			120 ft.	120 ft.
G.75X.75LG6	**F.75X.75LG6**	**FS.75X.75LG6NM**	0.75 (19.1)	0.75 (19.1)	**C.75LG6**	6 ft.	120 ft.	120 ft.
G.75X1LG6		**FS.75X1LG6NM**		1.00 (25.4)			120 ft.	120 ft.
G.75X1.5LG6	**F.75X1.5LG6**	**FS.75X1.5LG6NM**		1.50 (38.1)			120 ft.	120 ft.
G.75X2LG6		**FS.75X2LG6NM**		2.00 (50.8)			120 ft.	120 ft.
G1X1LG6	**F1X1LG6**	**FS1X1LG6NM**	1.00 (25.4)	1.00 (25.4)	**C1LG6**	6 ft.	120 ft.	120 ft.
G1X1.5LG6	**F1X1.5LG6**	**FS1X1.5LG6NM**		1.50 (38.1)			120 ft.	120 ft.
G1X2LG6	**F1X2LG6**	**FS1X2LG6NM**		2.00 (50.8)			120 ft.	120 ft.
G1X3LG6	**F1X3LG6**	**FS1X3LG6NM**		3.00 (76.2)			120 ft.	120 ft.
G1X4LG6		**FS1X4LG6NM**		4.00 (101.6)			120 ft.	120 ft.
G1.5X1LG6	**F1.5X1LG6**	**FS1.5X1LG6NM**	1.50 (38.1)	1.00 (25.4)	**C1.5LG6**	6 ft.	120 ft.	120 ft.
G1.5X1.5LG6	**F1.5X1.5LG6**	**FS1.5X1.5LG6NM**		1.50 (38.1)			120 ft.	120 ft.
G1.5X2LG6	**F1.5X2LG6**	**FS1.5X2LG6NM**		2.00 (50.8)			120 ft.	120 ft.
G1.5X3LG6	**F1.5X3LG6**	**FS1.5X3LG6NM**		3.00 (76.2)			120 ft.	120 ft.
G1.5X4LG6		**FS1.5X4LG6NM**		4.00 (101.6)			60 ft.	120 ft.
G2X1LG6	**F2X1LG6**	**FS2X1LG6NM**	2.00 (50.8)	1.00 (25.4)	**C2LG6**	6 ft.	120 ft.	120 ft.
G2X1.5LG6	**F2X1.5LG6**	**FS2X1.5LG6NM**		1.50 (38.1)			120 ft.	120 ft.
G2X2LG6	**F2X2LG6**	**FS2X2LG6NM**		2.00 (50.8)			120 ft.	120 ft.
G2X3LG6	**F2X3LG6**	**FS2X3LG6NM**		3.00 (76.2)			60 ft.	120 ft.
G2X4LG6		**FS2X4LG6NM**		4.00 (101.6)			60 ft.	120 ft.
G2X5LG6		**FS2X5LG6NM**		5.00 (127.0)			60 ft.	120 ft.
G2.5X3LG6		**FS2.5X3LG6NM**	2.50 (63.5)	3.00 (76.2)	**C2.5LG6**	6 ft.	120 ft.	120 ft.
G3X1LG6	**F3X1LG6**	**FS3X1LG6NM**	3.00 (76.2)	1.00 (25.4)	**C3LG6**	6 ft.	120 ft.	120 ft.
G3X2LG6	**F3X2LG6**	**FS3X2LG6NM**		2.00 (50.8)			120 ft.	120 ft.
G3X3LG6	**F3X3LG6**	**FS3X3LG6NM**		3.00 (76.2)			60 ft.	120 ft.
G3X4LG6		**FS3X4LG6NM**		4.00 (101.6)			60 ft.	120 ft.
G3X5LG6		**FS3X5LG6NM**		5.00 (127.0)			60 ft.	120 ft.
G4X1.5LG6		**FS4X1.5LG6NM**	4.00 (101.6)	1.50 (38.1)	**C4LG6**	6 ft.	60 ft.	120 ft.
G4X2LG6	**F4X2LG6**	**FS4X2LG6NM**		2.00 (50.8)			60 ft.	120 ft.
G4X3LG6	**F4X3LG6**	**FS4X3LG6NM**		3.00 (76.2)			60 ft.	120 ft.
G4X4LG6		**FS4X4LG6NM**		4.00 (101.6)			60 ft.	120 ft.
G4X5LG6		**FS4X5LG6NM**		5.00 (127.0)			60 ft.	120 ft.
G6X4LG6		**FS6X4LG6NM**	6.00 (152.4)	4.00 (101.6)	**C6LG6**	6 ft.	60 ft.	120 ft.

‡ All parts listed in LG (Light Gray) color. To order other colors substitute DG (Dark Gray) and WH (White). Contact Factory for details.

PE Duct Part Numbers	PS Duct Part Numbers	Nominal Duct Size Width In. (mm)	Nominal Duct Size Height In. (mm)	Cover Part Number	Std. Length	Duct Std. Ctn. Qty.	Cover Std. Ctn. Qty.
PE.75X1CL6	**PS.75X1CL6**	0.75 (19.1)	1.00 (25.4)	**PC.75CL6**	6 ft.	120 ft.	120 ft.
PE1X3CL6	**PS1X3CL6**	1.00 (25.4)	3.00 (76.2)	**PC1CL6**	6 ft.	120 ft.	120 ft.
PE1.5X1.5CL6	**PS1.5X1.5CL6**	1.50 (38.1)	1.50 (38.1)	**PC1.5CL6**	6 ft.	120 ft.	120 ft.
PE2X1.5CL6	**PS2X1.5CL6**	2.00 (50.8)	1.50 (38.1)	**PC2CL6**	6 ft.	120 ft.	120 ft.
PE2X2CL6	**PS2X2CL6**	2.00 (50.8)	2.00 (50.8)				
PE3X1.25CL6	**PS3X1.25CL6**	3.00 (76.2)	1.25 (31.8)	**PC3CL6**	6 ft.	120 ft.	120 ft.
PE4X4CL6	**PS4X4CL6**	4.00 (101.6)	4.00 (101.6)	**PC4CL6**	6 ft.	60 ft.	120 ft.

ORDERING INFORMATION:
Order number of feet required. (Must be in multiple of 6 ft.) —To order with pressure-sensitive adhesive mounting tape applied, add -A to the Part Number.
Adhesive tape is not CSA Certified.
Polycarbonate Duct (PE & PS Duct) is not UL Recognized or CSA Certified.

NOTE: Order duct and cover separately

Wiring Duct Tools

DCT

DNT-100

NEW!

TNR

DFCT

Part Number	Description	Std. Pkg. Qty.
Duct Cutting Tool		
DCT	Hand held Duct Cutting Tool (Steel Construction)	1
Duct Notching Tool		
DNT-100	Hand held Duct Notching Tool (Steel Construction)	1
Nylon Rivet Installation Tool		
TNR	Hand held Nylon Rivet Installation Tool (Aluminum & Acetal Construction)	1
Duct Finger Cutting Tool		
DFCT	Hand held Duct Finger Cutting Tool (Steel Construction)	1

NOTE: Always use approved safety goggles when using any tools.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Wiring Duct Accessories

- Wiring duct divider wall can be mounted inside any type of Panduit PVC wiring duct to create multiple channels within the wiring duct.
- Simply install the divider wall base when mounting the duct and snap the divider wall onto the mounting base.

Part Number	Fits Nominal Duct Height In.	Fits Nominal Duct Height (mm)	Std. Length	Std. Ctn. Qty.
Divider Wall — For use with Type G, F, and FS Duct				
D1H6	1.00	(25.4)	6 ft.	120 ft.
D1.5H6	1.50	(38.1)		
D2H6	2.00	(50.8)		
D3H6	3.00	(76.2)		
D4H6	4.00	(101.6)		

NOTE: Must be used with Mounting Base (DB-C) which is sold separately, see below.

NEW!

- Both versions snap onto DB-C mounting base

Part Number	For Duct Height Inches (mm)	Std. Length	Std. Ctn. Qty.
***PANDUCT*® Slotted Divider Wall — Type G, F, FS, D Ducts**			
SD2H6	2.00 (50.8)	6 ft.	120 ft.
SD3H6	3.00 (76.2)	6 ft.	120 ft.
SD4H6	4.00 (101.6)	6 ft.	120 ft.

NOTE: Use of 4 mounting bases per every 6 feet of divider wall is recommended.

ORDERING INFORMATION:
Order number of feet required, in multiples of standard length increment.

- Used as a mounting base for divider wall shown above
- Also used as a screw shroud to protect wires from abrasion

Part Number	Used with Divider Wall	Used with Anchors	Std. Pkg. Qty.
Mounting Base — For use with Type G, F, and FS Duct			
DB-C	Mounting base for D1H6, D1.5H6, D2H6, D3H6 and D4H6	Panduit NR1 Rivets, #8 or #10 screws.	100 pcs.

NOTE: Use of 4 mounting bases per every 6 feet of divider wall is recommended.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Wiring Duct Accessories (cont'd)

- Fast, lowest cost mounting method
- Installs quickly and easily using Panduit Rivet Installation Tool Part No. TNR.

Part Number	Material	Total Thickness (Panel & Duct) Inches (mm)	Panel Hole Dia. Needed	Std. Pkg. Qty.	Bulk Pkg. Qty.
Mounting Rivets — For use with Type G, F, FS, PE and PS Duct					
NR1-C	Nylon	.158" (4.0) -.187" (4.7)	.187" (4.7)	100 pcs.	—
		.188" (4.8) -.218" (5.5)	.193" (4.9)		
NR1-M		.219" (5.6) -.250" (6.4)	.203" (5.2)	—	1000 pcs.
		.251" (6.5) -.281 (7.1)	.213" (5.4)		

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

- May be snapped directly on top of the wiring duct divider wall

Part Number	Material	Length Inches (mm)	Std. Pkg. Qty.
Wire Retainer — For use with Wiring Duct Divider Wall			
T3WR-C	Nylon	1.05 (26.7)	100 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW!

WR2-C
WR3-C

WR4-C
WR5-C

FWR-C

- FWR-C can also be used as a Labeling device

Part Number	For Duct Width Inches (mm)	Std. Pkg. Qty.
Wire Retainer — For use with Type G Duct		
WR2-C	2.00 (50.8) Except 2 X 5 duct size	100 pcs.
WR3-C	3.00 (76.2) Except 3 X 5 duct size	100 pcs.
WR4-C	4.00 (101.6) Except 4 X 5 duct size	100 pcs.
WR5-C	2.0 (50.8), 3.0 (76.2), 4.0 (101.6), 6.0 (152.4) For use with 5" height wire duct	100 pcs.
Wire Retainer — For use with Type F Duct		
FWR-C	1.50 (38.1) 2.00 (50.8) 3.00 (76.2) 4.00 (101.6)	100 pcs.

NOTE: Full length for use with 4" wide duct. For smaller widths, break off at scorelines.

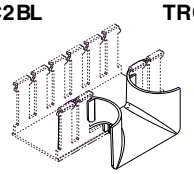
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW!

FIBER-DUCT™ Bend Radius Control Trumpet

TRC2BL

TRC4BL



Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
TRC2BL	Bend radius control trumpet for 2" x 2" system.	1 pc.	10 pcs.
TRC4BL	Bend radius control trumpet for 4" x 4" system.	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NETWORK CABLE TIE AND ACCESSORY SYSTEMS

TAK-TY™ Hook and Loop Cable Ties

World's Largest Producer of Cable Ties

BELT-TY™ IN-LINE Cable Ties

PANDUIT is the world's largest producer of cable ties and wiring accessories, offering the most complete selection of sizes, styles and materials. We continually provide new cable tie and wiring accessory designs to meet the changing application challenges encountered by our customers while providing lowest installed cost.

TAK-TY Hook and Loop Cable Ties are the ideal tie for communication closets. They prevent overtensioning of high performance UTP and fiber optic cables and are easy to release and reuse. Ideal for applications requiring frequent cabling moves, adds or changes. One piece design simplifies installation and provides improved durability.

BELT-TY IN-LINE Cable Ties are the preferred plastic tie for network cabling. Their parallel entry design eliminates the danger of a sharp, protruding cut-off that can occur with conventional cable ties. Low profile head helps avoid snags and reduces the overall bundle size. Its finger grip shaped head ensures a positive grip when threading the tie and specially designed round edges on head and strap protect against damage to cable insulation.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 1483**
Sold exclusively by authorized Panduit distributors.

Cable Ties

These handy cable ties are very easy to release and reuse, making them ideal for applications where changes are anticipated or continuous access is required. These products are also great for applications where overtightening is a concern, and they will not pinch or abrade wires. Can be used with a variety of Panduit mounts.

These versatile cable ties are available in ten different colors and three different styles to satisfy your application requirements.

TAK-TY™ Hook and Loop Cable Ties

Provide an excellent solution for managing network and telecommunications cable.

- Prevents overtensioning of high performance UTP and fiber optic cables
- Easy to release and reuse
- Ideal for applications requiring frequent cabling moves, adds or changes
- One piece design simplifies installation and provides improved durability
- Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories

Applications:

High performance cables can be managed more effectively with the use of *TAK-TY* Hook and Loop cable ties. Use them in the communication closet on both the front and back of racks as shown.

Ties can be used to secure various sizes of cable bundles.

HLT Style can be mounted directly to a rack with a screw.

Wide color choice allows for quick and easy color coding of separate cable bundles.

TAK-TY™ Hook & Loop Cable Ties

- HLC ties — Pass hook portion through plastic cinch ring. Pull end of tie against ring to tension. Secure hook portion against loop portion of tie body to fasten
- HLT & HLS ties hook on one side and loop on the other, so it adheres to itself; wrap around bundle and secure end of tie on the body
- Releasable and reusable hundreds of times
- No risk of over tensioning and damaging high performance cabling as with conventional plastic tie
- HLSP and HLTP are unique Hook & Loop style ties that are UL listed for use in air-handling spaces per NEC section 300-22 (c) and (d) and is UL94V-2 flame rated
- No installation tool needed
- No waste, excess can be wrapped around bundle
- HLM Series can be used with the following Panduit tie mounts: ABM3H-A-L, ABM4H-A-L, TM3S8-C, TM3S10-C and TM3S25-C (see *page 82* and *page 84*)

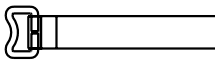
Color Chart For HLT Ties, HLS Ties & HLS/HLM Rolls		
Color	**Part No. Suffix**	**Example**
Black	0	HLT2I-X0
Red	2	HLT2I-X2
Orange	3	HLT2I-X3
Yellow	4	HLT2I-X4
Green	5	HLT2I-X5
Blue	6	HLT2I-X6
Violet	7	HLT2I-X7
Gray	8	HLT2I-X8
White	10	HLT2I-X10
Tan	18	HLT2I-X18

HLSP/HLTP/HLC Series available in black only.

HLTP/HLSP Only

HLC Series

HLC Series

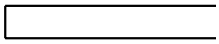


HLT/HLTP Series

HLT/HLTP Series

HLS/HLSP/HLM Series

HLS/HLSP/HLM Series

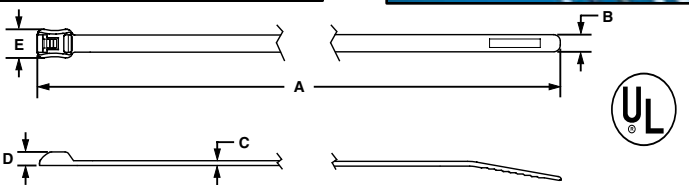


Part Number	Length In. (mm)	Width In. (mm)	Min. Bundle Dia. In. (mm)	Max. Bundle Dia. In. (mm)	Min. Loop Tensile Strength† Lbs. (N)	Std. Pkg. Qty.	Std. Ctn. Qty.
Cinching Ties – Cinch ring provides extra strength and bundle tightness							
HLC3S-X0	12.0 (305)	.75 (19.1)	2.0 (50.8)	3.0 (76.2)	50 (222)	10	100
HLC5S-X0	18.0 (457)	.75 (19.1)	3.0 (76.2)	5.0 (127)		10	100
Loop Ties – Slot allows for pre-wrapping of bundles							
HLT2I-X*	8.0 (203)	.50 (12.7)	.25 (6.4)	1.9 (48)	40 (178)	10	100
HLT3I-X*	12.0 (305)	.50 (12.7)	.25 (6.4)	3.2 (81)		10	100
U.L. Listed Loop Ties – Slot allows for pre-wrapping of bundles							
HLTP2I-X0	8.0 (203)	.50 (12.7)	.25 (6.4)	1.9 (48)	18 (80)	10	100
HLTP3I-X0	12.0 (305)	.50 (12.7)	.25 (6.4)	3.2 (81)		10	100
Strip Ties – Convenient 6", 12", and 18" strips (PERFORATED IN ROLL FORM - 10 TIES TO EACH ROLL)							
HLS1.5S-X*	6.0 (152)	.75 (19)	.25 (6.4)	1.5 (38)	50 (222)	1 Roll	10 Rolls
HLS3S-X*	12.0 (305)	.75 (19)	.25 (6.4)	3.2 (81)		1 Roll	10 Rolls
HLS5S-X*	18.0 (457)	.75 (19)	.25 (6.4)	5.0 (127)		1 Roll	10 Rolls
U.L. Listed Strip Ties – Rolls Perforated in Convenient 6", 12" and 18" strips							
HLSP1.5S-X0	6.0 (152)	.75 (19)	.25 (6.4)	1.5 (38)	18 (80)	10	100
HLSP3S-X0	12.0 (305)	.75 (19)	.25 (6.4)	3.2 (81)		10	100
HLSP5S-X0	18.0 (457)	.75 (19)	.25 (6.4)	5.0 (127)		10	100
15'/ 75' Roll – Can be cut to desired length, eliminating waste							
HLS-15R*	180.0 (4572)	.75 (19)	.25 (6.4)	Various	50 (222)	1 Roll	10 Rolls
HLM-15R*	180.0 (4572)	.330 (8.4)	.25 (6.4)	Various	18 (80)	1 Roll	10 Rolls
HLS-75R*	900.0 (22,860)	.75 (19)	.25 (6.4)	Various	50 (222)	1 Roll	10 Rolls

ORDERING INFORMATION:
Order number of pieces or rolls required, in multiples of Standard Package Quantity.
*Add color suffix from chart at left to part number above.
†Minimum 2" overlap required to achieve loop tensile rating

BELT-TY™ IN-LINE Cable Ties

- Head designed for no protrusion of cut-off tie
- Low profile head (35% lower than conventional 90° entry cable ties)
- Fully rounded edges on head and strap
- Rounded tip and aggressive grip
- Finger grip shaped head
- Curved tip
- Protects adjacent cables and protects workers' arms and hands
- Avoids snags and reduces overall bundle size
- No sharp edges in contact with cable insulation
- Easy to grip for assembly
- Positive grip when threading tie
- Material: Nylon 6.6
- Available in natural and weather resistant nylon



Part Number*	Length A In. (mm)	Width B In. (mm)	Thickness C In. (mm)	Head Height D In. (mm)	Head Width E In. (mm)	Max. Bundle Dia. In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended PANDUIT® Installation Tool Part Nos.	Packaging** Bulk Pkg. Qty.	Packaging** Bulk Ctn. Qty.
MINIATURE CROSS SECTION										
ILT1M-M	4.8 (122)	.098 (2.5)	.044 (1.1)	.110 (2.8)	.190 (4.8)	1.10 (28)	18 (80)	GTS, GS2B, or PPTS	1000	50,000
ILT1.5M-M	6.3 (160)					1.56 (40)			1000	25,000
ILT2M-M	8.0 (202)					2.125 (54)			1000	25,000
INTERMEDIATE CROSS SECTION										
ILT1.5I-M	5.4 (137)	.142 (3.6)	.052 (1.3)	.130 (3.3)	.260 (6.6)	1.38 (35)	30 (133)	GTS, GS2B, or PPTS	1000	25,000
ILT3I-M	10.8 (274)					3.00 (76)			1000	10,000
ILT4I-M	13.9 (353)					4.00 (102)			1000	10,000
STANDARD CROSS SECTION										
ILT2S-M	8.5 (216)	.200 (5.0)	.055 (1.4)	.15 (3.8)	.318 (8.1)	2.00 (51)	50 (222)	GTS, GS2B, GS4H, or PPTS	1000	10,000
ILT3S-M	11.7 (297)					3.00 (76)			1000	5000
ILT4S-M	14.9 (378)					4.00 (102)			1000	5000
LIGHT HEAVY CROSS SECTION										
ILT4LH-TL	14.8 (376)	.300 (7.6)	.075 (1.9)	.250 (6.4)	.475 (12.1)	4.00 (102)	120 (533)	GS4H, or PPTEH	250	2500
ILT6LH-C	21.2 (538)					6.00 (152)			100	500

ORDERING INFORMATION:
* Part numbers shown for bulk package quantity. Part numbers shown are natural nylon 6.6.
^ For weather resistant material, change suffixes to -M0, -TL0 and -C0.
** Order number of pieces required in multiples of Bulk Package Quantities.

Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories.

DOME-TOP® BARB-TY® Cable Ties

- Provides consistent performance and reliability for those users who prefer a nylon cable tie with stainless steel barb
- Stainless steel locking barb provides infinite adjustability over its entire length
- Available in natural, weather resistant and heat stabilized nylon and 11 different colors
- Material: Nylon 6.6
- Low thread force
- Angled tip and aggressive grip for easy installation of smaller ties; Miniature, Intermediate and Standard Cross Sections (not available on Light Heavy)

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section					
BT1M-C	.90 (23)*	4.0 (102)	.095 (2.4)	18 (80)	100
BT1.5M-C	1.50 (38)	6.3 (160)			100
BT2M-C	2.00 (51)	7.9 (201)			100
BT3M-C	3.00 (76)	11.1 (282)			100
BT4M-C	4.00 (102)	14.2 (361)			100
Intermediate Cross Section					
BT1.5I-C	1.50 (38)*	6.1 (155)	.141 (3.6)	40 (178)	100
BT2I-C	2.00 (51)	8.0 (203)			100
BT3I-C	3.00 (76)	11.1 (282)			100
BT4I-C	4.00 (102)	14.3 (363)			100
Standard Cross Section					
BT2S-C	2.00 (51)*	8.0 (203)	.185 (4.7)	50 (222)	100
BT3S-C	3.00 (76)	12.0 (305)			100
BT4S-C	4.00 (102)	15.1 (384)			100
Light Heavy Cross Section (Straight Tip)					
BT2LH-L	2.00 (51)	8.7 (221)	.275 (7.0)	120 (534)	50
BT3LH-L	3.00 (76)	11.8 (300)			50
BT4LH-L	4.00 (102)*	14.9 (378)			50
BT5LH-L	5.00 (127)	18.1 (460)			50
BT6LH-L	6.00 (152)	21.2 (538)			50
BT7LH-L	7.00 (178)	24.4 (620)			50
BT8LH-L	8.00 (203)	27.5 (699)			50
BT9LH-L	9.00 (229)	30.7 (780)			50

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
* More capacity than comparable competitor tie
Other colors and package quantities available, see chart on *pages 78-79*.

DOME-TOP BARB-TY Clamp Ties

- Used to secure a bundle of wires to another surface such as a communications rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- Available in natural, weather resistant and heat stabilized black nylon
- Material: Nylon 6.6

Front View

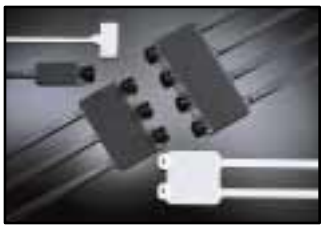
Side View

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Hole Dia. In. (mm)	Screw Size	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section							
BC1M-S4-C	.9 (23)	4.6 (117)	.095 (2.4)	.124 (3.15)	#4 (M2.5)	18 (80)	100
BC1.5M-S4-C	1.5 (38)	6.7 (170)					100
BC2M-S4-C	2.0 (51)	8.3 (211)					100
Intermediate Cross Section							
BC1.5I-S8-C	1.5 (38)	6.6 (168)	.141 (3.6)	.180 (4.57)	#8 (M4)	40 (178)	100
Standard Cross Section							
BC2S-S10-C	2.00 (51)	8.5 (216)	.185 (4.7)	.206 (5.2)	#10 (M5)	50 (222)	100
BC3S-S10-C	3.00 (76)	12.5 (318)					100
BC4S-S10-C	4.00 (102)	15.6 (396)					100
Light Heavy Cross Section (Straight Tip)							
BC2LH-S25-L	2.00 (51)	9.3 (236)	.275 (7.0)	.260 (6.6)	1/4 (M8)	120 (534)	50
BC3LH-S25-L	3.00 (76)	12.4 (315)					50
BC4LH-S25-L	4.00 (102)	15.5 (394)					50

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
Other colors and package quantities available, see chart on *pages 78-79*.

DOME-TOP® BARB-TY® Marker Ties

- Used to fasten and identify bundles at the same time
- Can be marked with Panduit Marker Pens (see page 166)
- Available in natural and weather resistant nylon**
- Material: Nylon 6.6



Part Number‡	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Write-on Area In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section						
BM1M-C	.90 (23)	4.2 (107)	.095 (2.4)	.29 x 1.09 (7.4 x 27.7)	18 (80)	100
BM1.5M-C	1.50 (38)	6.3 (160)				100
BM2M-C	2.00 (51)	7.9 (201)				100
Miniature Cross Section						
BF1M-C	.90 (23)	4.6 (117)	.095 (2.4)	.36 x .81 (9.1 x 20.8)	18 (80)	100
BF1.5M-C	1.50 (38)	6.7 (170)				100
BF2M-C	2.00 (51)	8.3 (211)				100
Standard Cross Section						
BM2S-C	2.00 (51)	8.0 (203)	.185 (4.7)	.49 x .91 (12.4 x 23.1)	50 (222)	100
BM3S-C	3.00 (76)	12.0 (305)		.50 x 2.13 (12.7 x 54.1)		100
BM4S-C	4.00 (102)	15.1 (384)				100
Standard Cross Section						
B2M2S-L	2.00 (51)	8.0 (203)	.185 (4.7)	1.15 x .91 (29.2 x 23.1)	50 (222)	50
B3M2S-L				1.81 x .91 (46.0 x 23.1)		50
B4M2S-L				2.47 x .91 (62.7 x 23.1)		50

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
**For weather resistant ties, add "0" to the suffix (Example: BM1M-C0).
‡Part Number shown for natural nylon.
Other colors and package quantities available, see chart on pages 78-79.

PAN-TY® Cable Ties

- One-piece nylon construction
- Versatile fasteners can be used for numerous applications including cable bundling
- Optional Panduit Installation Tooling available for automatic tension and cut off
- Recommended Panduit installation tool part number: GTS/GS2B/GS4H
- Material: Nylon
- Low thread force
- Angled tip and aggressive grip for easy installation of smaller ties

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section Ties					
PLT1M-C	.87 (22.)	3.9 (99)	.098 (2.5)	18 (80)	100
PLT1.5M-C	1.25 (32)	5.6 (142)			100
PLT2M-C	2.00 (51)	8.0 (203)			100
Intermediate Cross Section Ties					
PLT1.5I-C	1.38 (35)	5.6 (142)	.142 (3.6)	40 (178)	100
PLT2I-C	2.00 (51)	8.0 (203)	.142 (3.6)		100
PLT2.5I-C	2.50 (64)	9.7 (246)	.142 (3.6)		100
PLT3I-C	3.00 (76)	11.4 (290)	.145 (3.7)		100
PLT4I-C	4.00 (102)	14.6 (371)	.145 (3.7)		100
Standard Cross Section Ties					
PLT1S-C	1.00 (25)	4.8 (122)	.190 (4.8)	50 (222)	100
PLT1.5S-C	1.50 (38)	6.2 (157)			100
PLT2S-C	1.88 (48)	7.4 (188)			100
PLT2.5S-C	2.50 (64)	9.8 (249)			100
PLT3S-C	3.00 (78)	11.5 (292)			100
PLT4S-C	4.00 (102)	14.5 (368)			100
PLT4.5S-C	4.50 (114)	15.5 (394)			100
PLT5S-C	5.00 (127)	17.5 (445)			100
Light Heavy Cross Section Ties (Straight Tip)					
PLT2H-L	2.00 (51)	8.1 (206)	.300 (7.6)	120 (534)	50
PLT2.5H-L	2.50 (64)	10.0 (254)			50
PLT3H-L	3.00 (76)	11.4 (290)			50
PLT4H-L	4.00 (102)	14.5 (368)			50

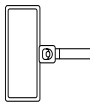
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
Other colors and package quantities available, see chart on pages 78-79.

Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories.

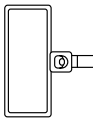
Prime Items appear in **BOLD**.

PAN-TY® Marker Ties

- Use to fasten and identify cable bundles at the same time
- Can be marked with Panduit Marker Pens (see page 166)
- Material: Nylon



PLM1M
PLM2M



PLF1M

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Write-on Area In. (mm)	Marker Type	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section Marker Ties							
PLF1M-C	.87 (22)	4.3 (109)	.098 (2.5)	.31 x .75 (7.9 x 19.1)	Flag	18 (80)	100
PLF1MA-C	.87 (22)	5.1 (130)		.76 x 1.04 (19.1 x 26.4)	Flag		
PLM1M-C	.75 (20)	3.9 (99)		.26 x .95 (6.6 x 24.1)	Wrap		
PLM2M-C	2.0 (51)	8.0 (203)		.26 x .95 (6.6 x 24.1)	Wrap		
Standard Cross Section Marker Ties							
PLM2S-C	1.75 (45)	7.4 (188)	.185 (4.7)	.44 x .87 (11.1 x 22.1)	Wrap	50 (222)	100
PLM4S-C	4.0 (102)	14.6 (371)		.44 x 2.00 (11.1 x 50.8)			
PL2M2S-L	1.75 (45)	7.4 (188)		.87 x 1.07 (22.1 x 27.2)			50
PL3M2S-L	1.75 (45)	7.4 (188)		.87 x 1.79 (22.1 x 45.5)			

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
Other colors and package quantities available, see chart on pages 78-79.

PAN-TY Clamp Ties

- Use to attach a bundle of wires to another surface such as a telecommunications rack, wall or ceiling
- Design allows for bundling of cables before or after the clamp tie is screwed into place
- Material: Nylon 6.6

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Hole Dia. In. (mm)	Screw Size	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section Ties							
PLC1M-S4-C	.75 (20)	4.3 (110)	.100 (2.5)	.118 (3.0)	#4 (M2.5)	18 (80)	100
Intermediate Cross Section Ties							
PLC1.5I-S8-C	1.25 (32)	6.1 (156)	.135 (3.4)	.172 (4.4)	#8 (M4)	40 (178)	100
Standard Cross Section Ties							
PLC2S-S6-C	1.84 (46.7)	7.9 (201)	.190 (4.8)	.145 (3.7)	#6 (M3)	50 (222)	100
PLC2S-S10-C	1.84 (46.7)	7.9 (201)		.206 (5.2)	#10 (M5)		100
PLC3S-S10-C	3.00 (76)	12 (305)		.206 (5.2)	#10 (M5)		100
PLC4S-S10-C	4.00 (102)	15 (381)		.206 (5.2)	#10 (M5)		100
Heavy Cross Section Ties							
PLC2H-S25-L	2.00 (51)	9.0 (228)	.300 (7.6)	.260 (6.6)	1/4 (M6)	120 (534)	50
PLC3H-S25-L	3.00 (76)	12.0 (305)					50
PLC4H-S25-L	4.00 (102)	15.1 (384)					50

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
Other colors and package quantities available, see chart on pages 78-79.

In-Plenum Cable Ties

PAN-TY HALAR† Fluoropolymer Cable Ties for Plenum Use

- Meet or exceed low smoke and low flame spread requirements
- Distinctive Maroon color identifies material
- UL 94V-0
- Smoke Generation: 293DM (Flaming NBS258)

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Width In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Miniature Cross Section HALAR* Tie					
PLT1M-C702	.87 (22)	4.0 (102)	.098 (2.5)	18 (80)	100
Standard Cross Section HALAR* Ties					
PLT2S-C702	1.88 (48)	7.4 (188)	.190 (4.8)	50 (222)	100
PLT3S-C702	3.00 (78)	11.6 (295)			100

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
Other colors and package quantities available, see chart on pages 78-79.
* HALAR is the registered trademark for Ausimont, Inc. fluoropolymer

Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories.

Cable Tie Part Number System

PLT	2	S	—	C	
Part Description	**Size**	**Cross-Section**	**Screw Hole Size**	**Package Size**	**Color**
Panduit Locking Tie (etc.)	(Approximate Bundle Diameter)	SM = Subminiature M = Miniature I = Intermediate S = Standard H = Heavy LH = Light-Heavy	(Clamp Ties Only) -S4 = #4 (M2.5) -S6 = #6 (M3) -S8 = #8 (M4) -S10 = #10 (M5) -S25 = 1/4" (M6)	X = 10 Q = 25 L = 50 C = 100 TL = 250 D = 500 M = 1000	(See Below) Not all ties are available in all colors.

Color and Material of Panduit Cable Ties

The following provides the color number for Panduit cable tie part numbers. Applies to cable ties in certain package sizes only.

MATERIAL	6.6 NYLON																							NYLON 12	POLYPRO-PYLENE		TEFZEL■	HALAR▲
Color	† Nat.	Black •⊸	† Black •⊸	† Brown	† Red	† Orange	† Yellow	† Green	† Blue	† Purple	† Gray	White	Tele-phone Gray	Black **	Heat Stab. Black	Heat Stab. Nat.	FL. Orange	FL. Yellow	FL. Green	FL. Pink	Flame Retard Black	Flame Retard Ivory	Heat Stab Black •⊸	Black •⊸	Black •⊸	Green	Aqua Blue	Maroon
Panduit Part No. Suffix	NONE	0	00	1	2	3	4	5	6	7	8	10	14	20	30	39	53	54	55	59	60	69	300	120	100	109	76	702

**Pigmented black
•⊸ Weather resistant—for greater resistance to ultraviolet light.
†Meets MS3367 or MS3368 where applicable (specify MS number when ordering). All other parts meet dimensional and tensile strength requirements of MS3367 or MS3368 where applicable.
FL Fluorescent Colors

Cable Tie Color & Material Availability

Shown is availability of cable tie colors & materials by package size for part numbers listed in this catalog. For custom color requirements, contact factory.

S/B = available in Standard and/or Bulk packaging
S = available in Standard packaging
/B = available in Bulk packaging
* = Contact factory for availability of colors.

Part Number	Natural 6.6 Nylon	Colors*	Telephone Gray	Weather Resistant 6.6 Nylon	Weather Resistant 6.6 Nylon Meets MIL Spec.	Heat Stab Black Nat. 6.6 Nylon	Heat Stab Natural 6.6 Nylon	Heat Stab. Weather Resistant 6.6 Nylon	Flame Retard. Black 6.6 Nylon	Flame Retard. 6.6 Nylon	Weather Resistant Nylon 12	Nat. Polyprop	Weather Resistant Polyprop	TEFZEL■	HALAR▲
Part Number Suffix Material Designation	—	See above	-14	-0	-00	-30	-39	-300	-60	-69	-120	-109	-100	-76	-702
BC1M-S4	S/B			S/B											
BC1.5M-S4	S/B			S/B											
BC2M-S4	S/B			S/B											
BC1.5I-S8	S/B			S/B											
BC2S-S10	S/B			S/B		/B									
BC3S-S10	S/B			S/B		/B									
BC4S-S10	S/B			S/B		/B									
BC2LH-S25	S/B			S/B		/B									
BC3LH-S25	S/B			S/B		/B									
BC4LH-S25	S/B			S/B		/B									
BM1M	S/B			S/B											
BM1.5M	S/B			S/B											
BM2M	S/B			S/B											
BF1M	S/B			S/B											
BF1.5M	S/B			S/B											
BF2M	S/B			S/B											
BM2S	S/B			S/B											
BM3S	S/B			S/B											
BM4S	S/B			S/B											
B2M2S	S/B			S/B											
B3M2S	S/B			S/B											
B4M2S	S/B			S/B											
BT2S	S/B	S/B	S/B	S/B	S/B	S/B	/B								
BT3S	S/B	*S/B	/B	S/B	S/B	S/B	/B								
BT4S	S/B	S/B	S/B	S/B	S/B	S/B	/B								
BT2LH	S/B			S/B		/B									

▲HALAR is the Registered Trademark for Ausimont, Inc., fluoropolymer
■TEFZEL is the Registered trademark of E. I. DuPont Co., fluoropolymer

Prime Items appear in **BOLD**.

Cable Tie Color & Material Availability (continued)

Part Number	Natural 6.6 Nylon	Colors*	Telephone Gray	Weather Resistant 6.6 Nylon	Weather Resistant 6.6 Nylon Meets MIL Spec.	Heat Stab Black Nat. 6.6 Nylon	Heat Stab Natural 6.6 Nylon	Heat Stab. Weather Resistant 6.6 Nylon	Flame Retard. Black 6.6 Nylon	Flame Retard. 6.6 Nylon	Weather Resistant Nylon 12	Nat. Polyprop	Weather Resistant Polyprop	TEFZEL■	HALAR▲
Part Number Suffix Material Designation	—	See above	-14	-0	-00	-30	-39	-300	-60	-69	-120	-109	-100	-76	-702
BT3LH	S/B			S/B		/B									
BT4LH	S/B			S/B	S/B	S/B	/B								
BT5LH	S/B			S/B		/B									
BT6LH	S/B			S/B		/B									
BT7LH	S/B			S/B		/B									
BT8LH	S/B			S/B	S/B	/B									
BT9LH	S/B			S/B	S/B	/B									
BT1M	S/B	S/B	S/B	S/B	S/B	S/B	/B								
BT1.5M	S/B	S/B	S/B	S/B		S/B									
BT2M	S/B	S/B	S/B	S/B		S/B									
BT4M	S/B			S/B		S/B									
BT1.5I	S/B	S/B	/B	S/B	S/B	S/B	/B								
BT2I	S/B		/B	S/B		/B									
BT3I	S/B		S/B	S/B		S/B									
BT4I	S/B		S/B	S/B		/B									
HLC3S		*S													
HLC5S		*S													
HLT2I		S													
HLT3I		S													
HLTP2I															
HLTP3I															
HLS1.5S		S													
HLS3S		S													
HLS5S		S													
HLSP1.5S															
HLSP3S															
HLSP5S															
HLS-15R		S													
HLM-15R		S													
HLS-75R		S													
ILT1M	/B			/B											
ILT1.5M	/B			/B											
ILT2M	/B			/B											
ILT1.5I	/B			/B											
ILT3I	/B			/B											
ILT4I	/B			/B											
ILT2S	S/B			S/B											
ILT3S	S/B			S/B											
ILT4S	S/B			S/B											
ILT4LH	/B			/B											
ILT6LH	/B			/B											
PLC1M-S4	S/B	*/B		S/B		/B									
PLC1.5I-S8	S/B	*/B		S/B		/B									
PLC2H-S25	S/B			S/B		/B									
PLC2S-S6	S/B			S/B		/B									
PLC2S-S10	S/B		S	S		/B				/B					
PLC3H-S25	S/B			S											
PLC4H-S25	S/B			S/B		/B									
PLC4S-S10	S/B			S/B		/B									
PLF1M	S/B	*S/B	/B	S/B		/B				/B					
PLF1MA	S/B	*S/B		S/B		/B									
PLM1M	S/B	*S/B		S/B	S					/B					
PLM2M	S/B	*S/B		S/B											
PLM2S	S/B	*S/B		S/B	/B										
PLM4S	S/B	/B		S/B											
PLT1M	S/B	S/B	S/B	S/B	S/B	S/B		/B	/B	/B		/B	/B	S/B	S/B
PLT1S	S/B	/B		S/B		/B		/B							
PLT1.5I	S/B	S/B	S/B	S/B	S/B	S/B		/B		/B	/B	/B	/B		
PLT1.5M	S/B	/B	/B	S/B	/B	S/B									
PLT1.5S	S/B	/B		S/B		/B									
PLT2H	S/B	/B		S/B		/B		/B				/B	/B		
PLT2I	S/B	*S/B	S/B	S/B		S/B		/B		/B				/B	
PLT2M	S/B	/B		S/B		/B			/B	/B				S/B	
PLT2S	S/B	S/B	S/B	S/B	S/B	S/B		/B	/B	/B	/B	/B	/B	S/B	S/B
PLT2.5H	S/B			S/B		/B									
PLT2.5I	S/B	*/B		S/B		/B									
PLT2.5S	S/B			S/B		/B									
PLT3H	S/B			S/B		/B						S/B	/B	S/B	
PLT3I	S/B	/B	S/B	S/B		/B									
PLT3S	S/B	*S/B	/B	S/B	S/B	S/B						/B	/B	S/B	S/B
PLT4H	S/B	/B		S/B	/B	/B	/B	/B		/B	/B	/B	/B	S/B	
PLT4I	S/B	/B	S/B	S/B		/B									
PLT4S	S/B	S/B	S/B	S/B	S/B	S/B		/B	/B	/B	/B	/B	/B	S/B	
PLT4.5S	S/B			S/B		/B									
PLT5S	S/B	/B		S/B		/B									
PL2M2S	S/B	*/B		S/B	/B										
PL3M2S	S/B	*/B		S/B	/B										

See page 73 for available TAK-TY™ colors

▲HALAR is the Registered Trademark for Ausimont, Inc., fluoropolymer

■TEFZEL is the Registered trademark of E. I. DuPont Co., fluoropolymer

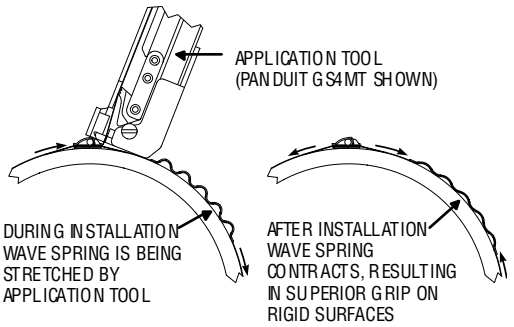
NEW!

PAN-STEEL™ Stainless Steel Superior Grip Cable Ties — *WAVE-TY*™ Series

- Tightly clamps on applications where other stainless steel ties will not function
- Retains tension on a solid bundle with minimal applied force
- Full rounded side and smooth surfaces for safe handling
- Available in type 304 stainless steel

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Material & Cross Section In. (mm)	Min. Loop Tensile Strength lbs. (N)	Std. Pkg. Qty.
***WAVE-TY* Series**					
MLT2.7WH-LP	2.70 (70)	10.2 (259)	304 0.31 X .010 (7.9 X 0.25)	200 (890)	50
MLT4WH-LP	4.00 (102)	14.2 (361)			50
MLT6WH-LP	6.00 (152)	20.5 (521)			50
MLT8WH-LP	8.00 (203)	26.8 (681)			50
MLT10WH-LP	10.00 (254)	33.0 (838)			50

ORDERING INFORMATION:
Order number of ties required, in multiples of Standard Package Quantity.



PAN-STEEL Stainless Steel Cable Ties for Plenum Use — MLT Series

- Stainless Steel cable ties can be used in virtually any environment including plenum
- Smooth rounded sides to protect cable insulation and installer's hands
- Self-locking tie with low threading force for easy installation

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Thickness and Width In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Std. Pkg. Qty.
Standard Cross Section Stainless Steel Ties - Type AISI 304					
MLT1S-CP	1.00 (25)	5.0 (127)	.010 (.254) x .18 (4.6)	100 (445)	100
MLT2S-CP	2.00 (50)	7.9 (201)			100
MLT2.7S-CP	2.70 (69)	10.5 (266)			100
MLT4S-CP	4.00 (102)	14.3 (362)			100
MLT6S-CP	6.00 (152)	20.5 (521)			100
MLT8S-CP	8.00 (203)	26.8 (679)			100
MLT10S-CP	10.0 (254)	33.0 (838)			100
MLT12S-Q	12.00 (305)	42.0 (1067)			25
MLT14S-Q	14.00 (356)	47.0 (1194)			25
Heavy Cross Section Stainless Steel Ties - Type AISI 304					
MLT2H-LP	2.00 (50)	7.9 (201)	.010 (.254) x .31 (7.9)	250 (1112)	50
MLT4H-LP	4.00 (102)	14.3 (362)			50
MLT6H-LP	6.00 (152)	20.5 (521)			50
MLT8H-LP	8.00 (203)	26.8 (679)			50
MLT10H-LP	10.0 (254)	33.0 (838)			50
MLT12H-Q	12.00 (305)	42.0 (1067)			25
MLT14H-Q	14.00 (356)	47.0 (1194)			25

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Nylon Coated Stainless Steel Cable Ties—MLTC Series

- Coated Ties provide improved isolation between dissimilar metals (tie body and bundle materials)
- Coating provides additional insulation between tie and bundle
- Coated Ties provide excellent resistance to chemicals, salt spray and dissimilar metal corrosion
- AISI 316 stainless steel non-magnetic

Part Number	Max. Bundle Dia. In. (mm)	Length In. (mm)	Thickness & Width** In. (mm)	Min. Loop Tensile Strength lbs. (N)*	Std. Pkg. Qty.
MLTC Series					
MLTC2H-LP316	2.00 (50)	7.9 (201)			50
MLTC4H-LP316	4.00 (102)	14.3 (362)	.010 (0.25)		50
MLTC6H-LP316	6.00 (152)	20.5 (521)	X	120 (534)	50
MLTC8H-LP316	8.00 (203)	26.8 (679)	.31 (7.9)		50
MLTC10H-LP316	10.00 (254)	33.0 (838)			50

ORDERING INFORMATION:
Order number of ties required, in multiples of Standard Package Quantity.
*Per Military Specification MIL-S-23190
**Base material less coating

Cable Tie Installation Tools

- Panduit® cable tie installation tooling ensures quick, secure cable installations. Tool-controlled tension allows ties to be installed without degrading or damaging cable.
- Requires no special maintenance
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- Proven features to help lower installed costs; a combination of design, operating and construction features provides a long service life
- Durable powder coat finish (Except on GTS)

For Plastic Cable Ties, Marker Ties and Clamp Ties

NEW! Ergonomic Design

GTS

GS4H

For Stainless Steel Ties

GS4MT

Part Number	Description	Std. Pkg.
GTS	Installs Subminiature, Miniature, Intermediate and Standard Cross Section Cable Ties. Color Identification: Trigger Handle: Black Body: Gray Plastic Housing	1
GS4H	Installs Standard, Light Heavy and Heavy Cross Section Nylon Cable Ties. Also installs *SUPERFLEX*™ (SLT) Cable Ties. Qualified product listed per Mil. Std. MS90387-2 and Mil. Spec. MIL-T-81306 (AS) Color identification: Trigger Handle and Selector Knob: Red Body: Gray Metal Housing	1
GS4MT	Installs Standard and Heavy Cross Section Stainless Steel Cable Ties.Qualified product listed per Mil. Std. MS90387-3 and Mil. Spec. MIL-T-81306A Color Identification: Trigger Handle and Selector Knob: Black Body: Gray Metal Cast Housing	1

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Cabling Mounts and Clips

Adhesive Backed Mounts for Use With Nylon Cable Ties

• Cable tie entry from all four sides

Part Number	Used With Cable Ties*	Dimensions In. (mm) Width	Length	Color	Where Used	Std. Pkg. Qty.	Std. Ctn. Qty.
Four Way Entry Mounts – Adhesive Backed							
ABM1M-A-C	M	.50 (12.7)	.50 (12.7)	White	Indoors	100	500
ABMM-A-C	M,I	.75 (19.1)	.75 (19.1)	White	Indoors	100	500
ABM2S-A-C	M, I, S	1.00 (25.4)	1.00 (25.4)	White	Indoors	100	500
ABM2S-A-C14	M, I, S	1.00 (25.4)	1.00 (25.4)	Gray	Indoors	100	500
ABM2S-A-C15	M, I, S	1.00 (25.4)	1.00 (25.4)	Ivory	Indoors	100	500
ABM3H-A-L	M, I, S, LH, H, HLM	1.50 (38.1)	1.50 (38.1)	White	Indoors	50	500
ABM4H-A-L	M, I, S, LH, H, HLM	2.00 (50.8)	2.00 (50.8)	White	Indoors	50	500
ABM100-A-C	M, I, S	1.00 (25.4)	1.00 (25.4)	White	Indoors	100	500
ABM100-A-C14	M, I, S	1.00 (25.4)	1.00 (25.4)	Gray	Indoors	100	500
ABM100-A-C15	M, I, S	1.00 (25.4)	1.00 (25.4)	Ivory	Indoors	100	500
ABM100-AT-C0	M, I, S	1.00 (25.4)	1.00 (25.4)	Black	Outdoors	100	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
*Refers to *BARB-TY®*, *PAN-TY®* and *IN-LINE* Cable Ties sizes: M = Miniature, I = Intermediate, S = Standard, LH = Light Heavy, H = Heavy and HLM = *TAK-TY™* HLM Series.

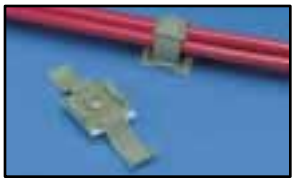
Adhesive Backed Cord Clips

• Use Indoors
• Color: Natural
• Material: Nylon

Part Number	Max. Bundle Dia. In. (mm)	Dimensions In. (mm) Width	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Cord Clips – Adhesive Backed					
ACC19-A-C	.19 (4.9)	.62 (15.9)	.75 (19.0)	100	500
ACC38-A-C	.38 (9.6)	1.00 (25.4)	1.00 (25.4)	100	500
ACC62-A-C	.62 (15.9)	1.25 (31.7)	1.12 (28.6)	100	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

CLINCHER™ Adhesive Backed Clamp



• Adjustable & Releasable
• 1" x 1" Base
• Color: Telco Gray
• Material: Polypropylene
• Use Indoors

Part Number	Max. Bundle Dia. In. (mm)	Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
***CLINCHER* Clamp - Adhesive Backed**				
ARC68-A-Q14	.19 to .69 (4.9 to 17.7)	Adhesive Foam Tape	25	250
ARC68-S6-Q14		#6 Screw	25	250

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Adhesive Backed Bevel Entry Wire Retainer

• Use Indoors
• Color: Natural
• Material: Nylon

Part Number	Max. Bundle Dia. In. (mm)	Dimensions – In. (mm) Width	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Bevel Entry Wire Retainer – Adhesive Backed					
BEC38-A-L	.38 (9.5)	1.24 (31.5)	1.46 (37.1)	50	500
BEC62-A-L	.62 (15.7)	1.24 (31.5)	1.46 (37.1)	50	500
BEC75-A-L	.75 (19)	1.49 (37.8)	1.46 (37.1)	50	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories.

Latching & Releasable Wire Clip

- Use Indoors
- Material: Nylon
- Secures cords, wires and cable bundles

Part Number	Max. Bundle Dia. In. (mm)	Dimensions – In. (mm) Width	Length	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Latching Wire Clip – Adhesive Backed						
LWC19-A-C	.19	.85	.61	Natural	100	1000
LWC19-A-C14	(4.8)	(21.6)	(15.5)	TELCO Gray	100	1000
LWC25-A-C	.25	.88	1.0	Natural	100	1000
LWC25-A-C14	(6.4)	(22.2)	(25.4)	TELCO Gray	100	1000
LWC38-A-C	.37	1.0	1.0	Natural	100	1000
LWC38-A-C14	(9.5)	(25.4)	(25.4)	TELCO Gray	100	1000
LWC50-A-L	.50	1.26	1.0	Natural	50	500
LWC50-A-L14	(12.7)	(32.0)	(25.4)	TELCO Gray	50	500
LWC75-A-L	.75	1.476	1.232	Natural	50	500
LWC75-A-L14	(19.1)	(37.4)	(31.3)	TELCO Gray	50	500
LWC100-A-L	1.0	2.225	1.98	Natural	50	500
LWC100-A-L14	(25.4)	(56.5)	(50.3)	TELCO Gray	50	500
Latching Wire Clip – Push Mount — .250" (6.4) Dia. Hole, Panel Thickness .103" (2.5) max.						
LWC19-H25-C	.187	.88	.505	Natural	100	1000
LWC19-H25-C14	(4.7)	(22.4)	(12.8)	TELCO Gray	100	1000
LWC25-H25-C	.25	.86	.58	Natural	100	1000
LWC25-H25-C14	(6.4)	(21.8)	(14.7)	TELCO Gray	100	1000
LWC38-H25-C	.38	.94	.58	Natural	100	1000
LWC38-H25-C14	(9.5)	(23.9)	(14.7)	TELCO Gray	100	1000
LWC50-H25-L	.50	1.25	.76	Natural	50	500
LWC50-H25-L14	(12.7)	(31.8)	(19.3)	TELCO Gray	50	500
LWC75-H25-L	.75	1.45	.871	Natural	50	500
LWC75-H25-L14	(19.1)	(36.8)	(22.1)	TELCO Gray	50	500
LWC100-H25-L	1.0	1.9	1.0	Natural	50	500
LWC100-H25-L14	(25.4)	(48.0)	(25.4)	TELCO Gray	50	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Latching & Releasable Clip

- Color: Light Gray
- Material: PVC
- Use Indoors

Part Number	Bundle Range In. (mm)	Dimensions – In. (mm) Width	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
Latching Clip – Adhesive Backed					
LC3-A-C8	.20 sq. inches	.75 (19)	.75 (19)	100	1000
LC5-A-C8	.36 sq. inches	1.01 (25.7)	1.00 (25.4)	100	1000
LC10-A-L8	.93 sq. inches	1.51 (37.9)	1.00 (25.4)	50	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Wire Saddles

- Use in pre-drilled .187" (4.7mm) holes in .03" - .08" (.762mm - 2.0mm) thick panels
- Use Indoors
- Color: Natural
- Material: Nylon

Part Number	Max. Bundle Dia. In. (mm)	Dimensions – In. (mm) Width	Height	Std. Pkg. Qty.	Std. Ctn. Qty.
Vertical Wire Saddle					
VWS4218-C	.18(5) x .42(11)	.60 (15.2)	.58 (14.7)	100	1000
VWS4238-C	.40(10) x .42(11)	.60 (15.2)	.78 (19.8)	100	1000
VWS4274-C	.74(19) x .42(11)	.60 (15.2)	1.14 (29)	100	1000
VWS42105-C	1.05(27) x .42(11)	.60 (15.2)	1.45 (36.8)	100	1000
Horizontal Wire Saddle					
HWS2819-C	.19(5) x .28(7)	.44 (11.2)	.42 (10.7)	100	1000

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW!

Optical Fiber Network Saddle

- Use in pre-drilled .187" (4.7mm) holes in .03" - .08" (.762mm - 2.0mm) thick panels
- Smooth surface between mount and fiber optic cable eliminates potential for snagging and stress on cable

Part Number	Max. Bundle Dia. In. (mm)	Material	Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Vertical Fiber Network Saddle					
VWS106-C	1.06 (26.9)	Natural Nylon	Push Mount	100	500
VWS106-A-C	1.06 (26.9)	Natural Nylon	Adhesive (Rubber Based)	100	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW! Optical Fiber Network Saddle (Dual Capacity)

- Use in pre-drilled .187" (4.7mm) holes in .03" - .08" (.762mm - 2.0mm) thick panels
- Accepts two bundles
- Smooth surface between mount and fiber optic cable eliminates potential for snagging and stress on cable

Part Number	Max. Bundle Dia. In. (mm)	Material	Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Optical Fiber Network Saddle (Dual Capacity)					
VWSDC-C	1.06 (26.9)	Natural Nylon	Push Mount	100	500
VWSDC-A-C	1.06 (26.9)	Natural Nylon	Adhesive (Rubber Based)	100	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Twister Push Mounts

- Wire bundles load and unload with just a fingertip twist
- Use in pre-drilled .187" (4.7mm) holes in .025" - .105" (.64mm - 2.67mm) thick panels
- Material: Nylon
- Use: Indoors
- Color: Natural

Part Number	Max. Bundle Dia. In. (mm)	Stand-off Dimensions In. (mm)	Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Twister Push Mounts					
TPM-16-C	.63 (16)	0	Push Mount	100	1000
TPM5-16-C		.20 (5.0)		100	1000
TPM10-16-C		.39 (10.0)		100	1000
TPM15-16-C		.59 (15.0)		100	1000
TPM20-16-C		.79 (20.0)		100	1000
TPM25-16-C		.98 (25.0)		100	1000
TPM30-16-C		1.18 (30.0)		100	1000

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW! Flat Post Standoff

- Organize cable vertically or horizontally
- Use where depth is critical or space is limited
- Mounting slot design allows product to be used on equipment that has 1/2" or 5/8" mounting hole spacing

Part Number	Used with Cables Ties	Material	Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Flat Post Standoff					
PPF2S-S25-X	M, I, S	Natural Nylon	1/4" (M6) Screw	10	50

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Tie Mounts - Mechanically Applied

- Unique cradle design provides maximum stability and rigidity to the cable bundle
- Screw or rivet installed
- Use Indoors
- Material: Nylon
- Color: Natural

Part Number	Used With Cable Ties**	Dimensions – In. (mm)			Mount Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		Length	Width	Height			
Tie Mounts – Mechanically Applied							
TM1S4-C	M	.525 (13.3)	.325 (8.3)	.230 (5.8)	#4 (M2.5) Screw	100	500
TM1S6-C	M	.525 (13.3)	.325 (8.3)	.230 (5.8)	#6 (M3) Screw	100	500
TM2S6-C	M, I, S	.630 (16.0)	.425 (10.8)	.275 (7.0)	#6 (M3) Screw	100	500
TM2S8-C	M, I, S	.630 (16.0)	.425 (10.8)	.275 (7.0)	#8 (M4) Screw	100	500
TM3S8-C	M, I, S, LH	.875 (22.2)	.620 (15.8)	.375 (9.5)	#8 (M4) Screw	100	500
TM3S10-C	M, I, S, LH	.875 (22.2)	.620 (15.8)	.375 (9.5)	#10 (M5) Screw	100	500
TM3S25-C	M, I, S, LH	.875 (22.2)	.620 (15.8)	.375 (9.5)	1/4" (M6) Screw	100	500

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.
** Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard and LH = Light Heavy.

NEW! Communication Cable Management Kit for Cabinets

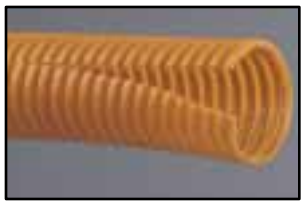
Part Number	Description	Std. Pkg. Qty.
Communication Cable Management Kit		
CCMKIT1	A kit of wire management accessories specifically designed for use in a network cabinet or enclosure.	1 Kit

ORDERING INFORMATION:
Order number of kits required, in multiples of Standard Package Quantity.

Kit includes the following:

TAK-TY ™ cable tie (HLM-15R0) / 1 roll	Flat Post Standoff (PPF2S-S25) / 8 pieces
Nylon cable tie (ILT3S) / 24 pieces	Push mount (PWMS-H25) / 6 pieces
Adhesive backed mounts (ABM3H-A and ABM112-A) / 6 pieces each	Vertical wire saddle (VWS106) / 4 pieces

Corrugated Loom Tubing for Fiber Optic Applications



- Lengthwise split makes it easy to install

Part Number	Material and Color	Inside Diameter In. (mm)	Outside Diameter In. (mm)	Ft. Per Pkg.	Std. Pkg. Qty.
Orange Corrugated Loom Tubing					
CLT25F-C3	Orange Polyethylene	.265 (6.7)	.390 (9.9)	100	1
CLT35F-C3		.350 (8.9)	.500 (12.7)	100	1
CLT38F-C3		.414 (10.5)	.556 (14.1)	100	1
CLT50F-C3		.505 (12.8)	.670 (17.0)	100	1
CLT62F-C3		.665 (16.9)	.830 (21.1)	100	1
CLT75F-C3		.760 (19.3)	.935 (23.7)	100	1
CLT100F-C3		.915 (23.2)	1.090 (27.7)	100	1
CLT125F-L3		1.290 (32.8)	1.500 (38.1)	50	1
CLT150F-D3		1.550 (39.1)	1.860 (47.2)	500	1

ORDERING INFORMATION:
Order the number of packages required, in multiples of Standard Package Quantity.
Contact factory for additional sizes, materials, colors, and bulk packaging.

Spiral Wrap

- Organizes network, telephone and power cables around desks, etc.
- Eliminates loose cables for a safer, neater environment
- Control cable bundles in communications closet

Part Number	Description	Material and Color	Ft. Per Pkg.	Std. Pkg. Qty.
Spiral Wrap				
T50F-C	1/2" (12.7) Outer Diameter Bundle Range: 3/8" (9.5) to 4" (101.6) Diameter	Natural Polyethylene	100	1
T50F-C0		Black Weather Resistant Polyethylene	100	1
T50R-C		White Flame Retardant Polyethylene	100	1
T50F-C3		Safety Orange Polyethylene	100	1
T50F-C4		Safety Yellow Polyethylene	100	1

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Package Quantity.

Refer to Cable Tie Catalog (SA101N275C-WC) for information on our complete line of cable ties and wiring accessories.

PANDUIT® Adhesive Lined Grommet Edging

- Protects and insulates wires and cables from chafing against sharp edges
- General purpose material for indoor use up to 122°F (50°C)
- Style GEE and GES provided in .030" (0.8) thick material, making them highly flexible

Part Number	Material	Color	Panel Thickness In. (mm)	Dimensions – In. (mm) Width	Dimensions – In. (mm) Height	Ft. Per Pkg.	Std. Pkg. Qty
Grommet Edging							
GEE62F-A-C	Continuous	Natural	.026" (.7) - .062" (1.6)	.131" (3.3)	.160" (4.1)	100	1
GEE62F-A-C0	Polyethylene	Black	.026" (.7) - .062" (1.6)	.131" (3.3)	.160" (4.1)	100	1
GEE99F-A-C	With	Natural	.062" (1.6) - .099" (2.5)	.169" (4.3)	.186" (4.7)	100	1
GEE99F-A-C0	ADHESIVE	Black	.062" (1.6) - .099" (2.5)	.169" (4.3)	.186" (4.7)	100	1
GEE144F-A-C	(Slotted Wall)	Natural	.099" (2.5) - .144" (3.7)	.213" (5.4)	.222" (5.6)	100	1
GEE144F-A-C0		Black	.099" (2.5) - .144" (3.7)	.213" (5.4)	.222" (5.6)	100	1
GES62F-A-C	Continuous	Natural	.026" (.7) - .062" (1.6)	.131" (3.3)	.160" (4.1)	100	1
GES62F-A-C0	Polyethylene	Black	.026" (.7) - .062" (1.6)	.131" (3.3)	.160" (4.1)	100	1
GES99F-A-C	With	Natural	.062" (1.6) - .099" (2.5)	.169" (4.3)	.186" (4.7)	100	1
GES99F-A-C0	ADHESIVE	Black	.062" (1.6) - .099" (2.5)	.169" (4.3)	.186" (4.7)	100	1
GES144F-A-C	(Solid Wall)	Natural	.099" (2.5) - .144" (3.7)	.213" (5.4)	.222" (5.6)	100	1
GES144F-A-C0		Black	.099" (2.5) - .144" (3.7)	.213" (5.4)	.222" (5.6)	100'	1

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Package Quantity.

HSTTV Heat Shrink in 6" (152.4 mm) Pieces and 25' (7.5m) Reels

- Provides protection for fiber and cable shields
- Low shrink temperature
- Very flexible
- Helps maintain bend radius
- Meets UL VW-1 rating

VW-1

OFT

Part Number	Nominal Diameter In. (mm)	Minimum Expanded I.D. In. (mm)	Maximum Recovered I.D. In. (mm)	Nominal Recovered Wall Thickness In. (mm)	Length	Std. Pkg. Qty.	Std. Ctn. Qty.
HSTTV Heat Shrink							
HSTTV05-Y **HSTTV05-Q**	3/64 (1.2)	.046 (1.2)	.023 (0.6)	.020 (0.5)	26 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV06-Y HSTTV06-Q	1/16 (1.6)	.063 (1.6)	.031 (0.8)	.020 (0.5)	26 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV09-Y HSTTV09-Q	3/32 (2.4)	.093 (2.4)	.046 (1.2)	.020 (0.5)	24 Pcs., 6" (152.4mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV12-Y **HSTTV12-Q**	1/8 (3.2)	.125 (3.2)	.062 (1.6)	.020 (0.5)	20 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV19-Y **HSTTV19-Q**	3/16 (4.8)	.187 (4.8)	.093 (2.4)	.020 (0.5)	18 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV25-Y **HSTTV25-Q**	1/4 (6.4)	.250 (6.4)	.125 (3.2)	.025 (0.6)	14 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV38-Y **HSTTV38-Q**	3/8 (9.5)	.375 (9.5)	.187 (4.8)	.025 (0.6)	12 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV50-Y **HSTTV50-Q**	1/2 (12.7)	.500 (12.7)	.250 (6.4)	.025 (0.6)	10 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV75-Y **HSTTV75-Q**	3/4 (19.0)	.750 (19.0)	.375 (9.5)	.030 (0.8)	8 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 10 Reels
HSTTV100-Y HSTTV100-Q	1 (25.4)	1.00 (25.4)	.500 (12.7)	.035 (0.9)	6 Pcs., 6" (152.4 mm) 1 Reel, 25' (7.6 M)	1 Pkg. 1 Reel	10 Pkg. 2 Reels

ORDERING INFORMATION:
Order number of packages or reels required, in multiples of Standard Package Quantity.
See *Page 87* for Heat Shrink Tools and Accessories.

Heat Shrink Accessories

Listed 826N
(Heat Tools only)

(Heat Tools only)

HSG Heat tool with stand

Heat Reflector Accessory slips onto heat tools

Heat Concentrator Accessory directs heat to reduce shrink time

Carrying Case

Part Number	Description	Std. Pkg. Qty
Heat Tools		
HSG-115V-300	• Low temperature tool — For use on small sizes of Panduit *PAN-SHRINK*™ Heat Shrink when heat sensitive items are under or near the heat shrink tube • Air intake regulator varies temperature from 300°F (145°C) to 450°F (232°C) 115 Volt, 6 AMP • Neoprene jacketed cord with molded strain relief • Adjustable stand included • Replaceable bearings, brushes and heating elements	1
Accessories		
HSG-A1	• Shrink tube reflector for tubing up to 3/4" inside diameter • Directs heat around the tubing to reduce shrink time	1
HSG-A2	• Shrink tube reflector for tubing up to 1-1/2" inside diameter • Directs heat around the tubing to reduce shrink time	1
HSG-A3	• Shrink tube concentrator • Directs heat toward tubing and away from heat sensitive items	1
HSG-A4	• Black polyethylene carrying case • Stores heat tool, stand and all three accessories	1
Replacement Parts		
HSG-P1	Brush/Spring Kit	1
HSG-P2	Switch 20 Amp	1
HSG-P3	Bearing Kit	1
HSG-P4	Heat Element 300°F	1
HSG-P6	Thermo Cut-off switch for HSG-115V-300	1

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Foam Mounting Tape

- Used to hold, join or bond a wide variety of surfaces
- Two types of adhesive – rubber for indoor applications and arcylic for outdoor and high temp. applications

Part Number	Adhesive Type	Sqrs. Per Pkg.	Pkg. Per Ctn.
1" x 1" 1/32" Thick, White Squares			
P32W2R1-1X1-24	Rubber	24	50
P32W2A2-1X1-24	Acrylic	24	50
1" x 1" 1/16" Thick, White Squares			
P63W2R1-1X1-24	Rubber	24	50
P63W2A2-1X1-24	Acrylic	24	50

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Carton Quantity.

FILE MH17481

Part Number	Width In.	Qty. Per Roll Yards	Rolls Per Ctn.
1/32" Thick, White, Rubber			
P32W2R1-50-7	1/2	7	100
P32W2R1-75-7	3/4	7	60
P32W2R1-100-7	1	7	50
P32W2R1-50-72	1/2	72	9
P32W2R1-63-72	5/8	72	8
P32W2R1-75-72	3/4	72	7
P32W2R1-100-72	1	72	5
P32W2R1-150-72	1 1/2	72	4
P32W2R1-200-72	2	72	3
1/16" Thick, White, Rubber			
P63W2R1-50-7	1/2	7	80
P63W2R1-75-7	3/4	7	50
P63W2R1-100-7	1	7	40
P63W2R1-50-36	1/2	36	9
P63W2R1-63-36	5/8	36	8
P63W2R1-75-36	3/4	36	7
P63W2R1-100-36	1	36	5
P63W2R1-150-36	1 1/2	36	4
P63W2R1-200-36	2	36	3

ORDERING INFORMATION:
Order number of rolls required, in multiples of Rolls Per Carton.

Part Number	Width In.	Qty. Per Roll Yards	Rolls Per Ctn.
1/32" Thick, White, Acrylic			
P32W2A2-50-7	1/2	7	100
P32W2A2-75-7	3/4	7	60
P32W2A2-100-7	1	7	50
P32W2A2-38-72	3/8	72	14
P32W2A2-50-72	1/2	72	9
P32W2A2-63-72	5/8	72	8
P32W2A2-75-72	3/4	72	7
P32W2A2-100-72	1	72	5
P32W2A2-150-72	1 1/2	72	4
P32W2A2-200-72	2	72	3
1/16" Thick, White, Acrylic			
P63W2A2-50-7	1/2	7	80
P63W2A2-75-7	3/4	7	50
P63W2A2-100-7	1	7	40
P63W2A2-38-36	3/8	36	14
P63W2A2-50-36	1/2	36	9
P63W2A2-63-36	5/8	36	8
P63W2A2-75-36	3/4	36	7
P63W2A2-100-36	1	36	5
P63W2A2-150-36	1 1/2	36	4
P63W2A2-200-36	2	36	3

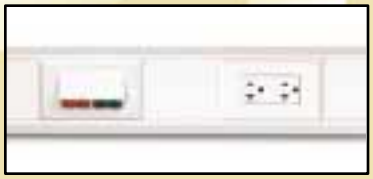
ORDERING INFORMATION:
Order number of rolls required, in multiples of Rolls Per Carton.

PANDUIT®

NETWORK CONNECTIVITY GROUP

Route cabling along fixed walls and into open work environments with future-ready **cable routing solutions.** The *PANDUIT NETWORK CONNECTIVITY GROUP* is the premier global source for TIA/EIA-569A compliant surface raceway systems.

"Advanced Designs"



"Superior Termination Solutions"

Future Ready Cabling Routing Solutions

"Cable Routing"— It has become a lot more than just what is between point A and point B. Network Administrators of today choose cabling pathways which maximize system performance and allow moves adds and changes without costly system upgrades. The Panduit Network Connectivity Group is a world leader in perimeter and open-office cable routing solutions in the work area.

Advanced designs

Among other features, all Panduit cable routing pathways are designed to maintain the proper bend radius control for high performance copper and fiber-optic cabling*.

Attractive profiles

Unlike raceway systems of the past Panduit perimeter raceway has been designed with as much regard to form as function.

Superior termination solutions

Panduit cable routing solutions provide you freedom of choice when selecting your data and electrical outlets. Most Panduit raceway systems accept both NEMA Standard "Screw-On" faceplates as well as superior Panduit Snap-On Faceplates for Panduit Connectivity.

Complete systems

All Panduit systems include a full complement of fittings and accessories that allow a complete installation of a single system or allow different Panduit raceway systems to be used together.

*Panduit raceway systems are optimized for use with the *PAN-NET* ™ Network Cabling System of Category 3, 5, 5e, and 6 copper and fiber connectivity products.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-WAY™ T-70 AND TWIN-70 NON-METALLIC SURFACE RACEWAYS

T-70 Raceway with WORKSTATION OUTLET CENTER™ Offset Box

Twin-70 Raceway

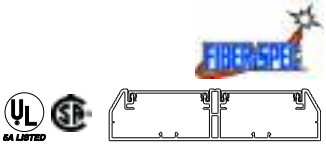
PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

T-70 and Twin-70 multi-channel raceways provide solutions for routing low voltage, fiber optic and/or power cabling along fixed perimeter walls. The T-70 and Twin-70 raceway systems consist of raceway base and cover, fittings and termination hardware.

T-70 and Twin-70 raceway can mount NEMA standard screw-on faceplates or superior *PAN-WAY* Snap-On Faceplates directly to the channel. T-70 raceway can also terminate in an offset configuration using the T-70 *WORKSTATION OUTLET CENTER* Offset Box.

T-70 Raceway:

Multi-channel two-piece design for power, low voltage and fiber optic applications; Fittings maintain 1" bend radius control for high performance copper and fiber optic cabling; Extremely tamper resistant latch design excellent for school and university applications; Fittings available to transition to Twin-70 and T-45 raceways.



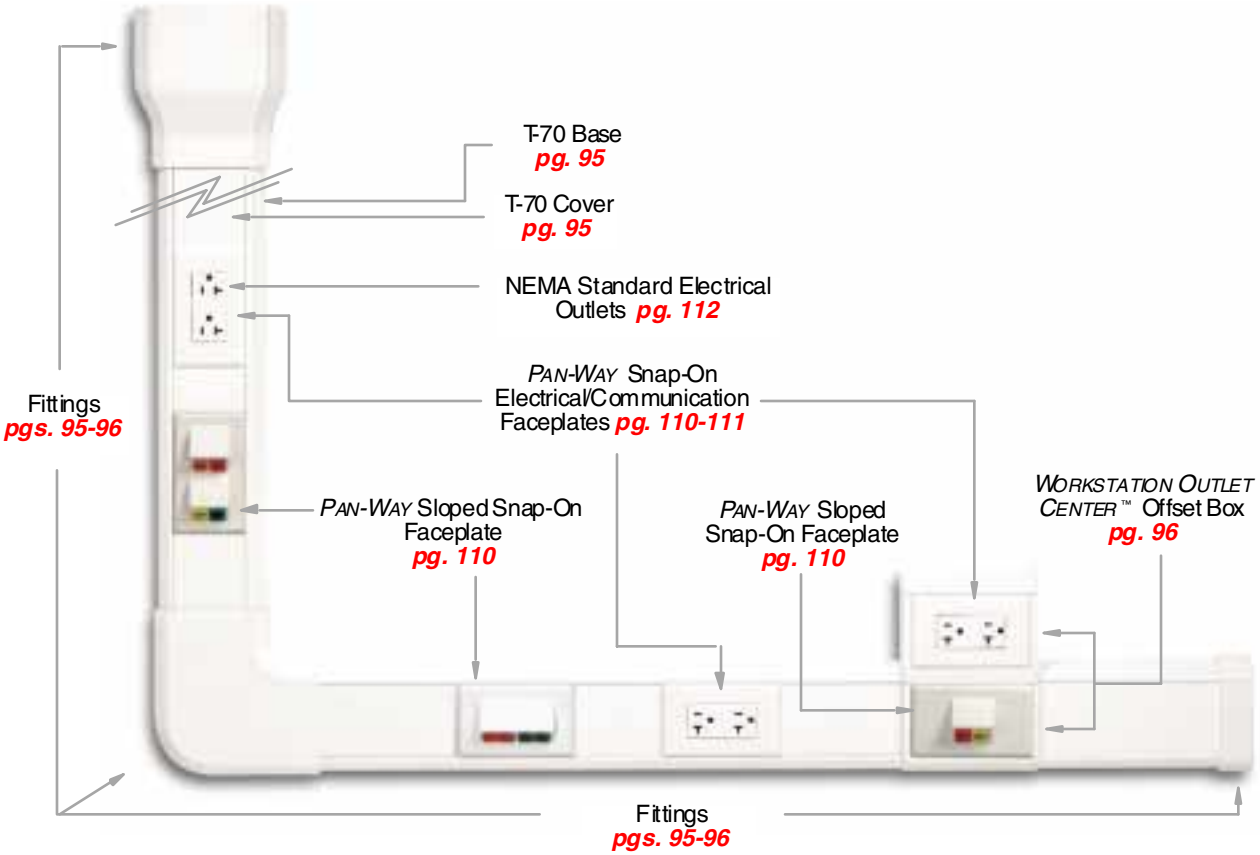
Twin-70 Raceway:

Multi-channel three-piece design for power, low voltage and fiber optic applications; Two totally independent channels maintained throughout the system for independent access to power and low voltage, fiber optic cabling; Fittings maintain 1" bend radius control for high performance copper and fiber optic cabling; Extremely tamper resistant latch design excellent for school and university applications; Fittings available to transition to T-70 and T-45 raceways.

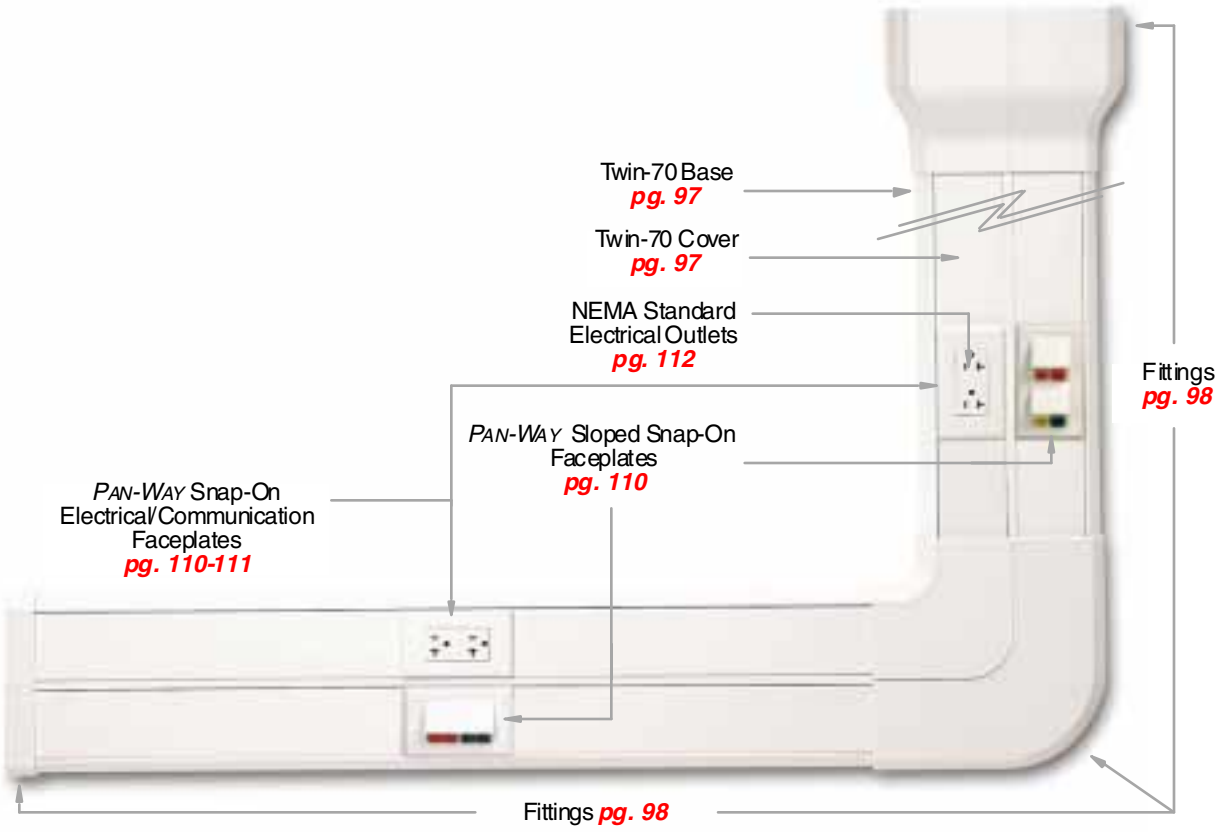
For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-WAY T-70 Raceway System

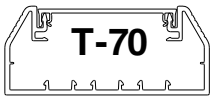


PAN-WAY Twin-70 Raceway System



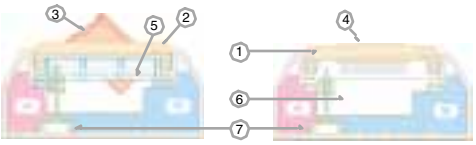
PAN-WAY T-70 Raceway Configurations

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).



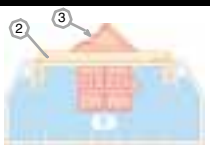
Base: pg. 95
Cover: pg. 95
Fittings: pgs. 95-96

PAN-WAY Snap-On Faceplates



Inline Data & Power

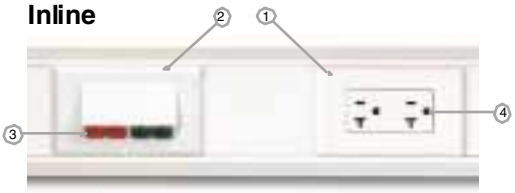
Power Only



Data Only

- Snap-On Faceplates provide a superior appearance
- Communication Faceplates shown accept MINI-JACK™, MINI-COM®, or OPTI-JACK® Connector Modules

Inline

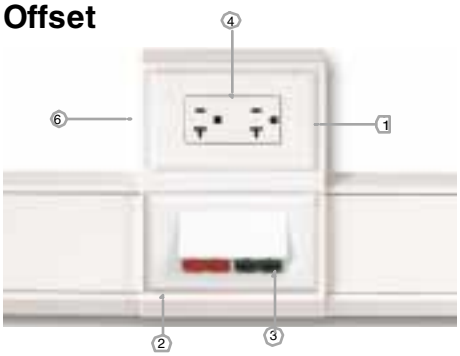


Areas (in²)	A	B
Inline Data & Power	.84	1.75
Data Only	—	4.71
Power Only	3.76	—

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	Snap-On Electrical/Comm. Faceplate(s) (shown: T70PG)		X	X	110
2.	PAN-WAY Sloped Snap-On Faceplate	X		X	110
3.	MINI-JACK Modular Jacks MINI-COM Modules OPTI-JACK Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	PAN-WAY Electrical Outlet (shown: ERU20)		X	X	112
5.	Device Mounting Bracket (shown: T70DB-X)		X	X	99
6.	Hanging Box (shown:T70HB3-X)			X	99
7.	Divider Wall (shown:T70DW)			X	95

Note: For data area(s) and fill capacity information see *page 100*.

Offset



Areas (in²)	A	B
Offset Data & Power	1.10	3.12

Offset Data & Power

- Offset configuration adds data capacity
- Communication Faceplates shown accept MINI-JACK, MINI-COM, or OPTI-JACK Connector Modules

	Components Required	Data & Power	See Page
1.	Snap-On Electrical/Communication Faceplate (shown: T70PG)	X	110
2.	PAN-WAY Sloped Snap-On Faceplate	X	110
3.	MINI-JACK Modular Jacks MINI-COM Modules OPTI-JACK Fiber Optic Connector Modules	X	3,10-11 13-14 24
4.	PAN-WAY Electrical Outlet (shown: ERU20)	X	112
5.	Divider Wall (shown: T70DW)	X	95
6.	WORKSTATION OUTLET CENTER™ Offset Box (shown: T70WC2)	X	96

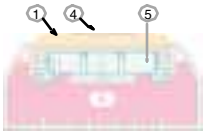
Note: For data area(s) and fill capacity information see *page 100*.

PAN-WAY T-70 Raceway Configurations (cont'd)

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).

Panduit Screw-On Faceplates (NEMA Standard)

Inline Data & Power



Power Only

Data Only

- U.S. Standard Screw-On Faceplate is used.
- Communication Faceplates shown accept *MINI-JACK* ™, *MINI-COM* ®, or *OPTI-JACK* ® Connector Modules

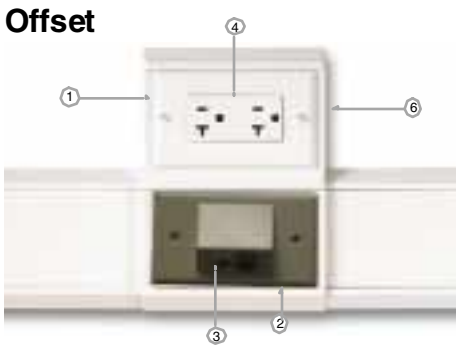
Inline

Areas (in²)	A	B
Inline Data & Power	.86	1.72
Data Only	—	3.89
Power Only	3.76	—

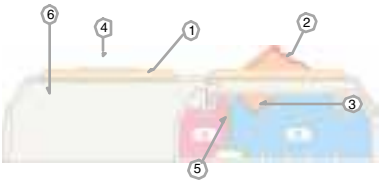
	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Comm. Faceplate(s) (shown: CPG)		X	X	42
2.	Panduit Sloped Screw-On Faceplate(s)	X		X	38
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3, 10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	X	112
5.	Device Mounting Bracket (shown: T70DB-X)	X	X	X	99
6.	Hanging Box (shown: T70HB3-X)			X	99
7.	Divider Wall (shown: T70DW)			X	95

Note: For data area(s) and fill capacity information see *page 100*.

Offset



Areas (in²)	A	B
Offset Data & Power	.91	3.12



Offset Data & Power

- Offset configuration adds data capacity
- Communication Faceplates shown accept *MINI-JACK*, *MINI-COM*, or *OPTI-JACK* Connector Modules

	Components Required	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Comm. Faceplate(s) (shown: CPG)	X	42
2.	Panduit Sloped Screw-On Faceplate(s)	X	38
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	3, 10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)	X	112
5.	Divider Wall (shown: T70DW)	X	95
6.	*WORKSTATION OUTLET CENTER* ™ Offset Box (shown: T70WC)	X	96

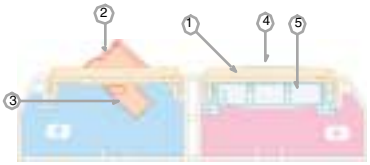
Note: For data area(s) and fill capacity information see *page 100*.

PAN-WAY™ Twin-70 Raceway Configurations

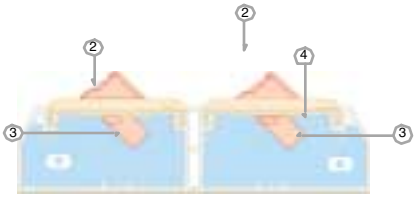
Application: Routing communication cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).

Base: pg. 97
Cover: pg. 97
Fittings: pg. 98

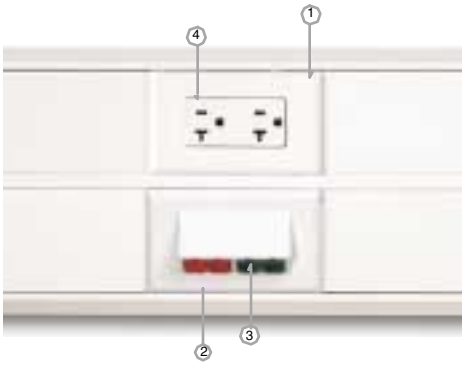
PAN-WAY Snap-On Faceplates



Data & Power



Data Only



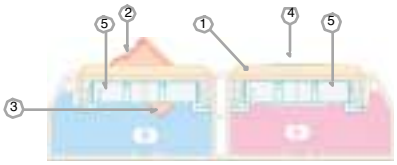
Areas (in²)	A	B
Data & Power	3.32	4.14
Data Only	—	4.14

- Snap-On Faceplates provide a superior appearance (No screws required).
- Communication Faceplates shown accept *MINI-JACK*™, *MINI-COM*®, or *OPTI-JACK*® Connector Modules

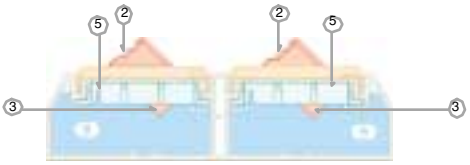
	Components Required	Data Only	Data & Power	See Page
1.	Snap-On Electrical/Communication Faceplate(s) (shown: T70PG)		X	110
2.	*PAN-WAY* Sloped Snap-On Faceplate(s)	X	X	110
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	X	3,10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	112
5.	Device Mounting Bracket (shown: T70DB-X)		X	99

Note: For data area(s) and fill capacity information see *page 101*.

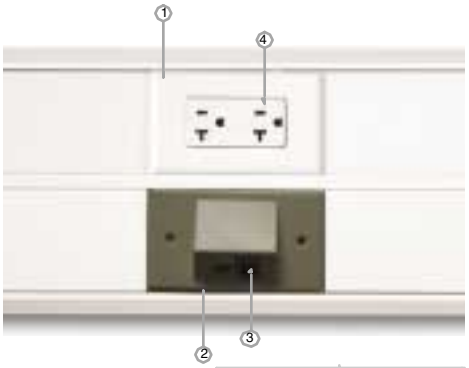
Panduit Screw-On Faceplates (NEMA Standard)



Data & Power



Data Only



Areas (in²)	A	B
Data & Power	3.32	3.11
Data Only	—	3.11

- U.S. Standard Screw-On Electrical Faceplate is used.
- Communication Faceplates shown accept *MINI-JACK*, *MINI-COM*, or *OPTI-JACK* Connector Modules

	Components Required	Data Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (shown: T70PG)	X	X	110
2.	Panduit Sloped Screw-On Faceplate(s)	X	X	38
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	X	3,10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	112
5.	Device Mounting Bracket (shown: T70DB-X)	X	X	99

Note: For data area(s) and fill capacity information see *page 101*.

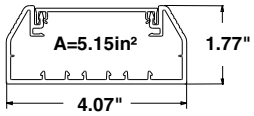
PAN-WAY™ T-70 Surface Raceway Base & Cover

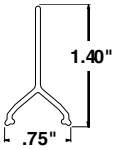
PAN-WAY Type T-70 Surface Raceway is an aesthetically designed, multi-channel system to route, protect and conceal data, voice, video, fiber-optic and power cabling.

T-70 System Benefits:

- Power rated to 600V(UL), 300V(CSA) **meets UL5A standard** and CSA 22.2 No. 62-93 standards
- Fittings maintain the TIA/EIA required 1" bend radius for Fiber-Optic and Category 5 cabling systems
- Supplied with pre-punched mounting holes
- Tamper resistant

Compatible with:
- PAN-WAY Snap-On Faceplates
- Any U.S. Standard Screw-On Electrical/Communication Faceplate(s)





Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
T-70 Raceway Base				
8 ft. lengths		**10 ft. lengths**		
T70BIW8	48 ft.	**T70BIW10**	60 ft.	Off White
T-70 raceway base in 8 or 10 ft. lengths. Supplied with pre-punched mounting holes every 8".				
T-70 Raceway Cover				
T70CIW8	96 ft.	**T70CIW10**	120 ft.	Off White
T-70 raceway cover in 8 or 10 ft. lengths.				
T-70 Raceway Divider Wall				
T70DW8	96 ft.	**T70DW10**	120 ft.	Gray ONLY
Snaps onto rails in raceway base to create separate channels. Must use with wire retainers to ensure channel separation per UL/CSA.				

NOTE: Order raceway base and cover separately.
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

Type T-70 Fittings

T70BC**-X

T70CC**-X

T70IC

T70OC

T70RA

T70EC

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70BCIW-X	Base Coupler Fitting	Off White	10 pcs.	100pcs.
T70CCIW-X	Cover Coupler Fitting	Off White	10 pcs	100pcs.
T70ICIW	Inside Corner Fitting	Off White	1 pcs.	10 pcs.
T70OCIW	Outside Corner Fitting	Off White	1 pc.	10 pcs.
T70RAIW	Right Angle Fitting	Off White	1 pc.	10 pcs.
T70ECIW	End Cap Fitting Conduit breakouts: ½"	Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Type T-70 Fittings (cont'd)

T70T

T70TDT
T70TDC
T70TDB

T70EE

T70TR
T70TRC

T70TRI

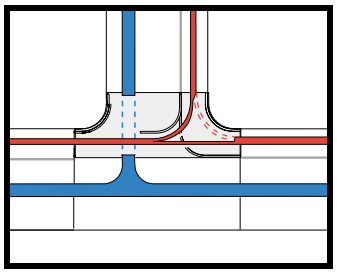
Part Number	Description	Std. Pkg. Qty.	Colors‡	Std. Ctn. Qty.
T70TIW	Tee Fitting	1 pc.	Off White	10 pcs.
T70TDT (Top Position) **T70TDC (Center Position)** **T70TDB (Bottom Position)**	T-70 Raceway Divider Inserts (Power & Data Applications). Separate power and data within Tee Fitting when divider wall placed in top, center or bottom position	1 pc.	Gray ONLY	10 pcs.
T70EEIW	Entrance End Fitting. Conduit breakouts: ½", ¾", 1", 1¼". Entry from ceiling or wall.	1 pc.	Off White	10 pcs.
T70TRIW	Transition Fitting to any LD Profile Raceway. Includes fitting for bend radius control. Maintains channel separation within T-70 raceway — Base & Cover	1 pc.	Off White	10 pcs.
T70TRCIW	Transition Fitting to any LD Profile Raceway — Cover Only	1 pc.	Off White	10 pcs.
T70TRI	Divided insert for T70 to LD2P10. Maintains channel separation within T70TR Fitting	1 pc.	Gray ONLY	10 pcs.

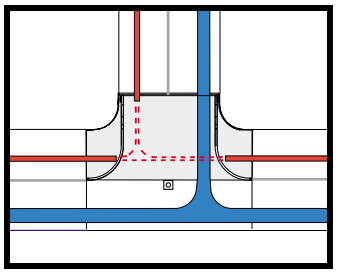
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.
T-70 Raceway Accessories available on *page 99*.

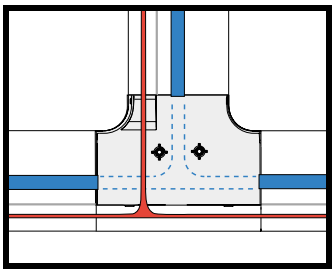
Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

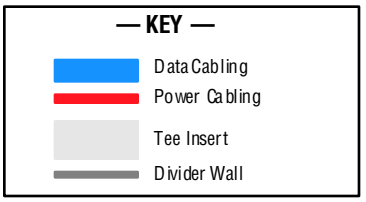
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Tee Insert Configurations


T70TDT


T70TDC


T70TDB



Divided Tee Inserts are used to separate power and data cabling for various tee configurations. Maintains 1" bend radius of data cables.

WORKSTATION OUTLET CENTER™ Offset Box for T-70 Raceway

T70WC

T70WC2

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
***WORKSTATION OUTLET CENTER* Offset Box — For Screw-On Faceplates**				
T70WCIW	Two-piece box & bracket accept any NEMA standard faceplate.	Off White	1 pc.	10 pcs.
***WORKSTATION OUTLET CENTER* Offset Box — For *PAN-WAY*™ Snap-On Faceplates**				
T70WC2IW	Two-piece box & bracket accept any standard electrical outlet. Accepts any *PAN-WAY* Snap-On Electrical/Communication Faceplates.	Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

The *WORKSTATION OUTLET CENTER* offset box places electrical and communications devices into a common area while maximizing the cabling capacity of the raceway channel.

The *WORKSTATION OUTLET CENTER* offset box Snap-On Faceplate version provides the lowest installed cost by reducing hardware and labor.

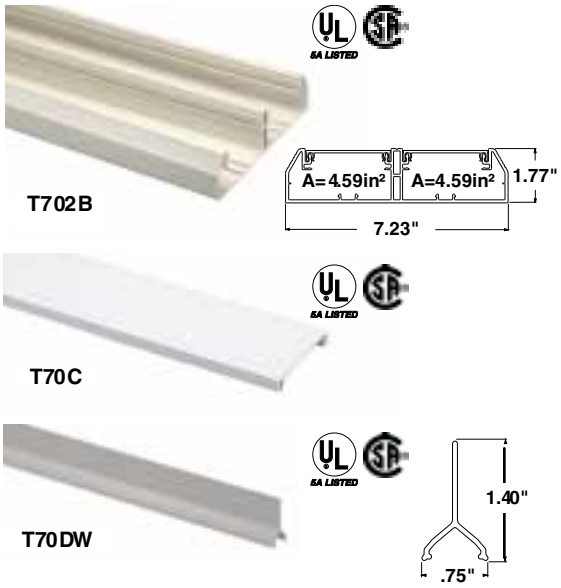
PAN-WAY Twin-70 Surface Raceway Base & Cover

PAN-WAY Type Twin-70 Surface Raceway is an aesthetically designed system featuring two separate dedicated channels, to route, protect and conceal data, voice, video, fiber-optic and power cabling.

Compatible with:
- PAN-WAY Snap-On Faceplates
- Any U.S. Standard Screw-On Electrical/Communication Faceplate(s)

Twin-70 System Benefits:

- Power rated to 600V(UL), 300V(CSA) **meets UL5A standard** and CSA 22.2 No. 62-93 standards
- Separate channels allow independent access to power and communication cabling throughout the entire system
- Fittings maintain the TIA/EIA required 1" bend radius for Fiber-Optic and Category 5 cabling systems
- Tamper resistant
- Supplied with pre-punched mounting holes



Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
Twin-70 Raceway Base				
8 ft. lengths		**10 ft. lengths**		
T702BIW8	24 ft.	**T702BIW10**	30 ft.	Off White
Twin-70 raceway base in 8 or 10 ft. lengths. Supplied with pre-punched mounting holes every 8".				
T-70 Raceway Cover				
T70CIW8	96 ft.	**T70CIW10**	120 ft.	Off White
T-70 or Twin-70 raceway tamper resistant cover in 8 or 10 ft. lengths. **NOTE: Two feet of cover needed for every foot of base**.				
T-70 Raceway Divider Wall				
T70DW8	96 ft.	**T70DW10**	120 ft.	Gray ONLY
Snaps onto rails in raceway base to create separate channels. Must use with wire retainers to ensure channel separation per UL/CSA.				

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.
NOTE: Order raceway base and cover separately.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

Type Twin-70 Fittings

T702BC**-X

T70CC**-X

T702IC

T702OC

T702RA

T702TR

T702TRL

T702TRI

T702T

T702EE

T702EC

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T702BCIW-X	Base Coupler Fitting	Off White	10 pcs.	100pcs.
T70CCIW-X	Cover Coupler Fitting	Off White	10 pcs.	100pcs.
T702ICIW	Inside Corner Fitting	Off White	1 pcs.	10 pcs.
T702OCIW	Outside Corner Fitting	Off White	1 pc.	10 pcs.
T702RAIW	Right Angle Fitting	Off White	1 pc.	10 pcs.
T702TRIW	Transition Fitting — To T-70 Raceway	Off White	1 pc.	5 pcs.
T702TRLIW	Transition Fitting — To any LD Profile Raceway	Off White	1 pc.	5 pcs.
T702TRI	Divided Insert for T702 to T70 or T702 to LD profile. Maintains channel separation within T702TR or T702TRL fitting.	Gray	1 pc.	5 pcs.
T702TIW	Tee Fitting	Off White	1 pc.	5 pcs.
T702EEIW	Entrance End Fitting Conduit breakouts: ½",¾", 1", 1¼" Entry from ceiling or wall.	Off White	1 pc.	5 pcs.
T702ECIW	End Cap Fitting Conduit breakouts: ½"	Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Type T-70 & Twin-70 Raceway Accessories

T70DB-X

T70HB-X

T70HB3-X

T70WR-X

T70S-X

T70SDB-X

Using the spacer plate a CBX4 box can be mounted onto Twin-70 or T-70 raceway. (See *PAN-NET*™ Section)

The CBX4 box features a fiber spool for managing fiber optic cable slack.

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Device Mounting Bracket				
T70DB-X	Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates.	Gray	10 pcs.	100 pcs.
Hanging Box				
T70HB-X	Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway.	Gray	10 pcs.	100 pcs.
Three Sided Hanging Box				
T70HB3-X	Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway. No break-outs are required. Low profile increases capacity in raceway. For use with T70 raceway only.	Gray	10 pcs.	100 pcs.
Wire Retainer				
T70WR-X	Holds wires in place. Will not interfere with cover installation.	Gray	10 pcs.	100 pcs.
Surface Mount Box Spacer Plate				
T70S-X	Spacer plate is used to mount a CBX4 Surface Mount Box onto the Device Bracket or Hanging Box shown above.	—	10 pcs.	100 pcs.
Standard Faceplate Bracket				
T70SDB-X	Used to mount NEMA standard single gang screw-on electrical/communication faceplates (not for use with snap-on faceplates).	Gray ONLY	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

T-70 Snap-On Fiber Spool Bracket

T70SFB

- Brackets are adjustable for slack length
- Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T-70 Snap-On Fiber Spool Bracket				
T70FSB	Fiber spool bracket that snaps onto base of T-70. Provides method to contain 1m or more of fiber slack and provides strain relief. Maintains 1" bend radius for fiber optic cabling. Bracket distance can be adjusted to fit the length of slack required.	Gray	2 pcs.	50 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package.
NOTE: Can only be used with T-70 base.
Contact Panduit for availability.

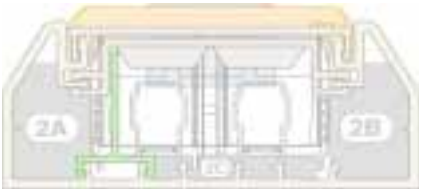
Use the T70FSB with T-70 raceway to contain 1m.or more of fiber slack and maintain a 1" cable bend radius.

Quick Wirefill Capacities for T-70 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.

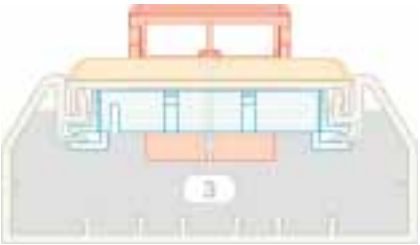
A= 5.15 in²

Wirefill #1: T-70 Raceway with no devices



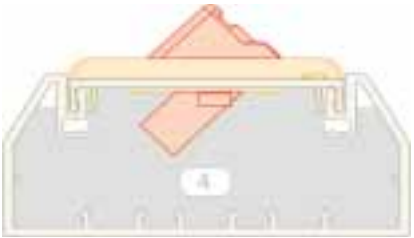
A= .86 in² A= 1.72 in²

Wirefill #2: Power & Data using Three Sided Hanging Box and Device Bracket



A= 3.67 in²

Wirefill #3: Data Only using Vertical Sloped Screw-On Communication Faceplates



A= 4.71 in²

Wirefill #4: Data Only using Horizontal Sloped Snap-On Communication Faceplates

A= .91 in² A= 3.12 in²

Wirefill #5: Power & Data using the *WORKSTATION OUTLET CENTER*™ Offset Box

SPEC=40% wirefill—*the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill—*the maximum cable quantity based on cable interweaving and packing factors*

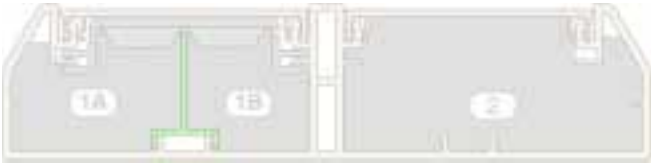
MAX for Power=*maximum number of electrical cables based on UL temperature rise test*

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/u		2 Strand	
			THHN/T90			4 pr		CAT5 4pr					
			0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1.	T-70: No devices	5.15	24	20	15	72	108	55	83	45	67	86	129
2a.	T-70: Power and data using the 3 sided hanging box & device bracket	.86	14	11	7	12	18	9	14	7	11	14	21
2b.		1.72	**	**	**	24	36	19	28	15	22	29	43
3.	T-70: Data only (Screw-On Faceplates)	3.67	**	**	**	51	77	39	59	35	53	67	101
4.	T-70: Data and (Snap-On Faceplates)	4.71	**	**	**	66	99	50	76	44	65	83	125
5a.	T-70: Power and data using the Workstation Outlet Center Offset Box	.91	14	11	7	12	19	9	14	8	12	15	23
5b.		3.12	**	**	**	44	66	33	50	27	41	52	78

** Not power configuration

Quick Wire Fill Capacities for Twin-70 Raceway

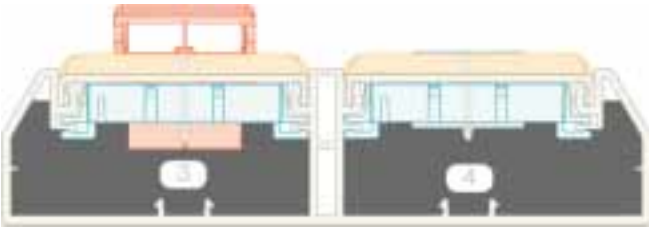
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.



A= 2.05 in² A= 1.43 in² A= 4.59 in²

Wirefill #1: Power & Data with No Terminations

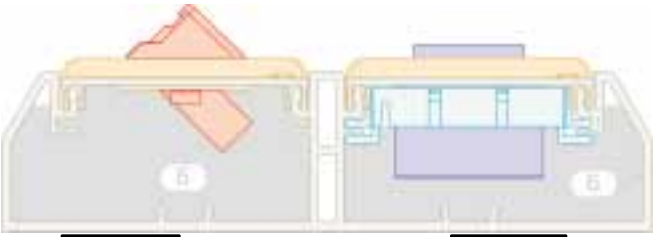
Wirefill #2: One Twin-70 Channel with No Devices



A= 3.11 in² A= 3.32 in²

Wirefill #3: Data Only using Vertical Sloped Screw-On Communication Faceplates

Wirefill #4: Power using Device Bracket & U.S. Standard Screw-On Faceplates



A= 4.14 in² A= 2.33 in²

Wirefill #5: Data Only using Horizontal Sloped Snap-On Communication Faceplates

Wirefill #6: 20A TVSS Rectangular Outlet using Device Bracket & Snap-On Electrical/ Communication Faceplate

SPEC=40% wirefill*—the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill*—the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power=*maximum number of electrical cables based on UL temperature rise test*

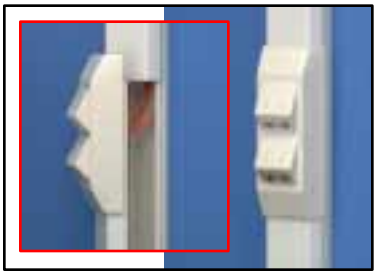
	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/U		2 Strand	
			THHN/T90			4 pr		CAT5 4pr					
			0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1a.	Twin-70: Power and Data no terminations	2.05	**	**	**	28	43	22	33	18	27	34	51
1b.		1.43	16	16	15	20	30	15	23	12	19	24	36
2.	Twin-70: One channel (no devices)	4.59	**	**	**	64	97	49	74	40	60	76	115
3.	Twin-70: Data only (Screw-On Faceplates)	3.11	**	**	**	43	65	33	50	27	41	52	78
4.	Twin-70: Power only (Screw-On Faceplates)	3.32	15	13	13	46	70	35	53	29	43	55	83
5.	Twin-70: Data only (Snap-On Faceplates)	4.14	**	**	**	58	87	44	67	36	54	69	103
6.	Twin-70: TVSS Pwr (Snap-On Faceplates)	2.33	16	16	14	32	49	25	37	20	30	39	58

** Not power configuration

PAN-WAY™ T-45 NON-METALLIC SURFACE RACEWAY

T-45 Raceway with FAST-SNAP™ Surface Mount Outlet Box

T-45 Raceway with WORKSTATION OUTLET CENTER™ Offset Box



T-45 Raceway with Hinged Data Bracket

PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

T-45 multi-channel raceway provides a solution for routing low voltage, fiber optic and/or power cabling along fixed perimeter walls. The T-45 raceway system consists of raceway base and cover, fittings and termination hardware. T-45 raceway terminates using the T-45 Hinged Data Bracket, the T-45 *WORKSTATION OUTLET CENTER* Offset Box, and select *PAN-WAY* Surface Mount Outlet Boxes including *FAST-SNAP* Outlet Boxes which accept superior *PAN-WAY* Snap-On Faceplates.

T-45 Raceway:

Multi-channel two-piece design for power and/or low voltage and fiber optic applications. Maintains a similar profile to Panduit T-70 and Twin-70 Raceways. Fittings maintain 1" bend radius control for high performance copper and fiber optic cabling. Convenient multi-directional hinged cover allows cable installation from either side. Extremely tamper resistant latch design excellent for school and university applications. Fittings available to transition to Twin-70, T-70 and LD Profile raceways.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-WAY™ T-45 Surface Raceway Roadmap

Data Only

Power and Data

T-45 Snap-On WORKSTATION OUTLET CENTER™ pg. 108

PAN-WAY Electrical Outlet pg. 112

FAST-SNAP™ Double Gang Outlet Box pg. 112

PAN-WAY Sloped Faceplates pg. 110

PAN-WAY Electrical Faceplates pg. 110

T-45 Screw-On WORKSTATION OUTLET CENTER pg. 108

PAN-WAY Sloped Faceplates pg. 110

T-45 Base pg. 107

PAN-WAY Electrical Faceplates pg. 110

T-45 Hinged Data Bracket pg. 107

FAST-SNAP Single Gang Outlet Box pg. 112

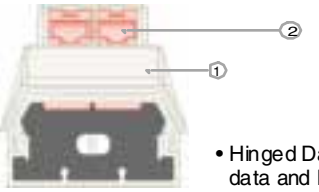
T-45 Fittings pgs. 107-108

PAN-WAY Sloped Faceplates pg. 110

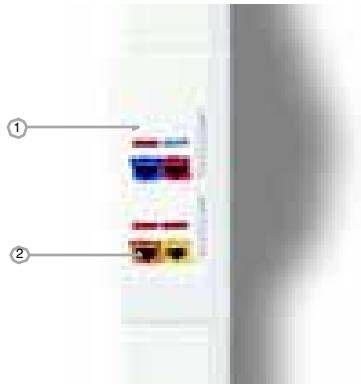
T-45 Cover pg. 107

T-45 Fittings pgs. 107-108

Optional— for Data



- Hinged Data Bracket mounts directly to T-45 base for inline data and low voltage applications.
- Accepts MINI-JACK™, MINI-COM®, and OPTI-JACK® Connector Modules.

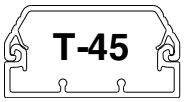


	Components Required	Data Only		See Page
1.	T-45 Hinged Data Bracket	X		107
2.	MINI-JACK Modular Jacks			3,10-11
	MINI-COM Modules			13-14
	OPTI-JACK Fiber Optic Connector Modules	X		24

Note: For data area(s) and fill capacity information see *page 109*

PAN-WAY T-45 Raceway Configurations

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).



Base: pg. 107
Cover: pg. 107
Fittings: pgs. 107-108

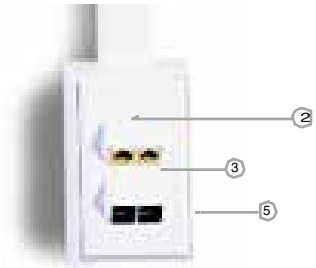
PAN-WAY Snap-On Faceplates

Inline

Data Only (A)

Data Only (B)

Data & Power

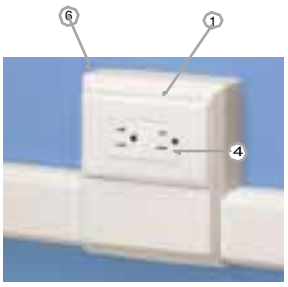


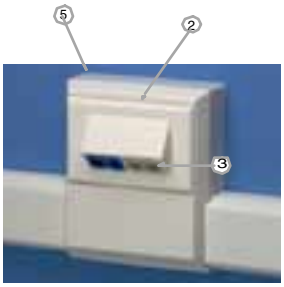
- Snap-On Faceplates provide a superior appearance
- Communication Faceplates shown accept *MINI-JACK* ™, *MINI-COM* ®, and *OPTI-JACK* ® Connector Modules.
- *FAST-SNAP* ™ Boxes snap together for quick installation
- Data and Power box is divided to maintain separation

	Components Required	Data (A)	Data (B)		Data & Power	See Page
1.	Snap-On Electrical/Communication Faceplate(s)				X	110
2.	*PAN-WAY* Vertical Sloped Snap-On Faceplate (shown: T70FH2, T70FH4, T70FV4)	X	X		X	110
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	X		X	3,10-11 13-14 24
4.	NEMA Standard Rectangular Outlet				X	112
5.	Single Gang *FAST-SNAP* Outlet Box	X				112
6.	Double Gang *FAST-SNAP* Outlet Box		X		X	112
7.	T-45 Divider Wall (not shown)				X	107

Note: For data area(s) and fill capacity information see *page 109*.

Offset





	Components Required	Data Only	Power Only	Data & Power	See Page
1.	Snap-On Electrical/Communication Faceplate(s)		X	X	110
2.	*PAN-WAY* Horizontal Sloped Snap-On Faceplate (shown: T70FH4)	X		X	110
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	NEMA Standard Rectangular Outlet		X	X	112
5.	*WORKSTATION OUTLET CENTER* ™ Offset Box Communications only (T45WC2)	X		X	108
6.	*WORKSTATION OUTLET CENTER* Offset Box Power or Communications (T45WC)		X	X	108
7.	T-45 Divider Wall			X	107

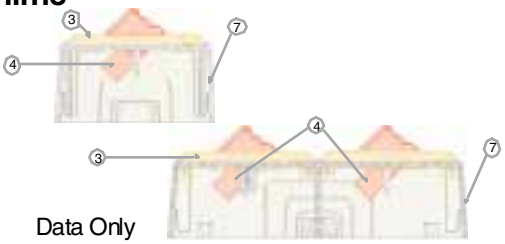
Note: For data area(s) and fill capacity information see *page 109*.

PAN-WAY™ T-45 Raceway Configurations

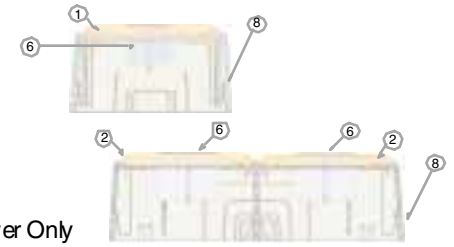
Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).

Panduit Screw-On Faceplates (NEMA Standard)

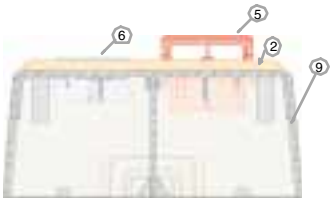
Inline



Data Only

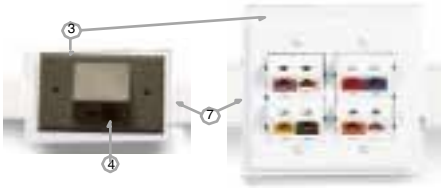


Power Only

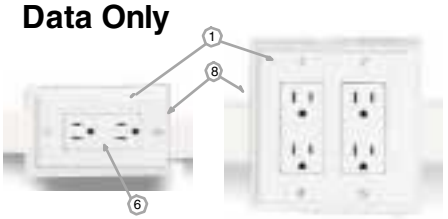


Data & Power

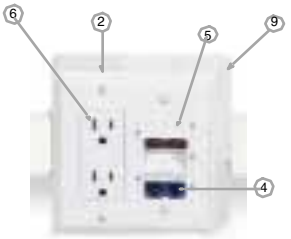
Inline



Data Only



Power Only



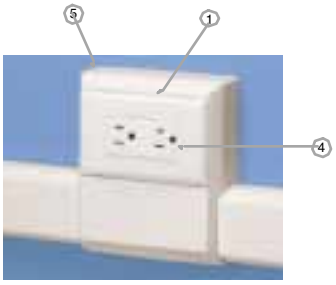
Data & Power

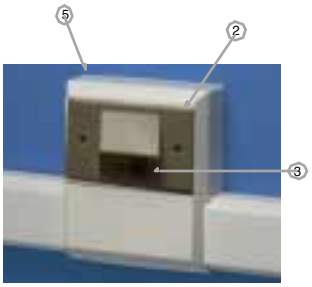
- Standard Screw-On Faceplates are used
- Communication Faceplates shown accept *MINI-JACK*™, *MINI-COM*®, or *OPTI-JACK*® Connector Modules

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (single or double gang available)		X		111
2.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (divided double gang available)			X	111
3.	Panduit Screw-On Vertical Sloped Faceplates	X			38
4.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
5.	Inserts for *MINI-COM* Modules			X	41
6.	NEMA Standard Rectangular Outlet			X	112
7.	Low Voltage Surface Mount Outlet Boxes (7 styles to choose from)		X	X	112-113
8.	Power Rated Surface Mount Outlet Boxes (7 styles to choose from)	X			113-114
9.	Divided Power Rated Surface Mount Outlet Boxes (7 styles to choose from)		X		115
10.	T-45 Divider Wall (not shown)			X	107

Note: For data area(s) and fill capacity information see *page 109*.

Offset





Data & Power

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (single gang available)		X	X	111
2.	Panduit Screw-On Vertical Sloped Faceplates	X		X	38
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	NEMA Standard Rectangular Outlet		X	X	112
5.	*WORKSTATION OUTLET CENTER*™ Offset Box Power and Communications	X	X	X	108
6.	T-45 Divider Wall			X	107

Note: For data area(s) and fill capacity information see *page 109*.

PAN-WAY T-45 Surface Raceway Base & Cover

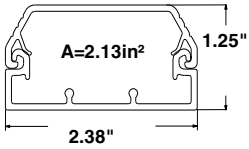
PAN-WAY Type T-45 Surface Raceway is an aesthetically designed, multi-channel system to route, protect and conceal data, voice, video, fiber optic and power cabling.

T-45 System Benefits:

- Power rated to 600V(UL), 300V(CSA) **meets UL5A standard** and CSA 22.2 No. 62-93 standards
- Fittings maintain the TIA/EIA required 1" bend radius for Fiber Optic and Category 5 cabling systems
- Hinged cover allows easy access from either side
- Optional factory applied adhesive backing speeds installation
- Supplied with pre-punched mounting holes
- Tamper resistant

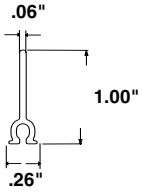
NEW!

T45B



T45C

T45DW



Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
T-45 Raceway Base				
8 ft. lengths		**10 ft. lengths**		
T45BIW8-A	160 ft.	**T45BIW10-A**	200 ft.	Off White
T-45 raceway base in 8 or 10 ft. lengths with adhesive. Supplied with pre-punched mounting holes every 8".				
T45BIW8	160 ft.	**T45BIW10**	200 ft.	Off White
T-45 raceway base in 8 or 10 ft. lengths. Supplied with pre-punched mounting holes every 8".				
T-45 Raceway Cover				
T45CIW8	160 ft.	**T45CIW10**	200 ft.	Off White
T-45 raceway cover in 8 or 10 ft. lengths. Can be hinged open on either side of T-45 base.				
T-45 Raceway Divider Wall				
T45DW8	160 ft.	**T45DW10**	200 ft.	Gray ONLY
Snaps onto rails in raceway base to create separate channels. Must use with wire retainers to ensure channel separation per UL/CSA.				

NOTE: Order raceway base and cover separately.

‡ All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

Type T-45 Fittings

T45CC**-X

T45IC**-X

T45OC

T45RA

T45EC

T45HDB

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T45CCIW-X	T-45 cover coupler fitting. Used to join two pieces of T-45 cover together.	Off White	10 pcs	100 pcs.
T45ICIW	T-45 inside corner fitting. Used to join T-45 raceway at inside corner.	Off White	1 pcs.	10 pcs.
T45OCIW	T-45 outside corner fitting. Used to join T-45 raceway at 90° outside corner.	Off White	1 pc.	10 pcs.
T45RAIW	T-45 right angle fitting. Used to join sections of T-45 raceway at 90° flat function.	Off White	1 pc.	10 pcs.
T45ECIW	T-45 end cap fitting. Used to terminate or allow entry to raceway.	Off White	1 pc.	10 pcs.
T45HDBIW	Snap-On Hinged Data Bracket for mounting for MINI-JACK™, MINI-COM®, and OPTI-JACK® Communication Outlets vertically inline within T-45 Raceway. Can be hinged opened on either side of T-45 base.	Off White	1 pc.	10 pcs.

‡ All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Type T-45 Fittings (cont'd)

T45T

T45TD

T45EE

T45TRI

T45RLD

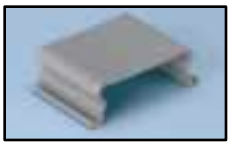
Part Number	Description	Std. Pkg. Qty.	Colors‡	Std. Ctn. Qty.
T45TIW	T-45 tee fitting includes base and cover. Creates an undivided "Tee" junction between T-45 section.	1 pc.	Off White	10 pcs.
T45TD	Separates power and data within the tee fitting.	1 pc.	Gray ONLY	10 pcs.
T45EEIW	T-45 entrance end fitting. With knockouts for ½", ¾", 1", and, 1-¼" conduit to allow entry from ceiling or through wall.	1 pc.	Off White	10 pcs.
T45TRI	Provides Bend Radius Control at transition from T-70 toT-45.	1 pc.	Gray ONLY	10 pcs.
T45RLDIW	T-45 reducer fitting reduces from T-45 to LD10 profile raceway.	1 pc.	Off White	10 pcs.

‡ All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Type T-45 Raceway Accessories


T45WR-X

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Wire Retainer				
T45WR-X	Holds wires in place. Will not interfere with cover installation.	Gray	10 pcs.	100 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ *WORKSTATION OUTLET CENTER*™ Offset Box for T-45 Raceway

T45WC

T45WC2

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
***WORKSTATION OUTLET CENTER* Offset Box — For NEMA Standard Screw-On Faceplates**				
T45WCIW	Two piece box and bracket accepts any standard electrical or communication outlet with mounting hole widths of 3.28" (83.5mm). Accepts any NEMA standard screw-on faceplate. Also accepts *PAN-WAY* style Electrical Snap-On Faceplates.	Off White	1 pc.	10 pcs.
***WORKSTATION OUTLET CENTER* Offset Box — For Snap-On Communication Faceplates**				
T45WC2IW	Two piece box and bracket accepts any *PAN-WAY* Snap-On communication faceplates.	Off White	1 pc.	10 pcs.

‡ All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.
*Snaps on anywhere along the T-45 Raceway channel to eliminate cutting the base.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

The *WORKSTATION OUTLET CENTER* offset box places electrical or communications devices outside the raceway channel.

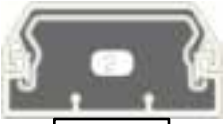
The *WORKSTATION OUTLET CENTER* offset box with a Snap-On Faceplate provides the lowest installed cost by reducing hardware and labor.

Quick Wire Fill Capacities for T-45 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.

A= 2.13in²

Wirefill #1: T-45 with no Devices



A= 1.72in²

Wirefill #2: T-45 with Wire Retainer

A= .44in² A= 1.20in²

Wirefill #3: Power and Data using a Wire Retainer and Divider Wall

A= .44in² A= .68in² A= .44in²

Wirefill #4: Power and Data using a Wire Retainer and Divider Walls

A= .41in² A= 1.06in²

Wirefill #5: Power and Data using the *WORKSTATION OUTLET CENTER*™ Outlet Box

A= 2.00in²

Wirefill #6: Data only using Hinged Data Bracket

SPEC=40% wirefill—*the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill—*the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power= *maximum number of electrical cables based on UL temperature rise test*

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/u		2 Strand	
			THHN/T90			4 pr		CAT5 4pr					
			0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1.	T-45: No Devices	2.13	36	27	25	29	44	22	34	18	27	35	53
2.	T-45: No Devices with wire retainer	1.72	36	27	25	24	36	18	27	14	22	28	42
3a.	T-45: Power & Data with wire retainer & divider wall (2 channels)	.44	12	11	8	6	9	4	7	3	5	7	10
3b.		1.20	**	**	**	16	25	12	19	10	15	16	29
4a.	T-45: Power & Data with wire retainer & two divider walls (3 channels)	.44	12	11	8	6	9	4	7	3	5	7	10
4b.		.68	**	**	**	9	14	7	11	5	8	11	16
4c.		.44	**	**	**	6	9	4	7	3	5	7	10
5a.	T-45: Power & Data using the *WORKSTATION OUTLET CENTER*™ Offset Box	.41	12	11	8	5	8	4	6	3	5	6	10
5b.		1.06	**	**	**	14	22	11	17	9	13	17	26
6.	T-45: Data only using data bracket	2.00	**	**	**	28	42	21	32	17	26	33	49

** Not power configuration

Classic Series Faceplates for Power *and* Communication Applications

FP2DC FP2RC

MINI-COM Inserts see page 41

For use with JBP2S or JBP2D outlet boxes

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Double Gang 106 Duplex Electrical & 2 Communication Insert Faceplate				
FP2DCIW	Covers one NEMA standard 106 duplex electrical receptacle and accepts *MINI-COM* ® 1/2 size, 1/3 size and 2/3 size inserts. Supplied with screws.	Off White	1	10
Double Gang 106 Rectangular Electrical & 2 Communication Insert Faceplate				
FP2RCIW	Covers one NEMA standard rectangular electrical receptacle and accepts *MINI-COM* 1/2 size, 1/3 size and 2/3 size inserts. Supplied with screws.	Off White	1	10

‡Other colors available. See page 38.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ Classic Series Snap-On Faceplates

For use with T-70 (*pg. 95*), Twin-70 (*pg. 97*) and TE-70 Raceway (*pg. 142*), Outlet Pole (*pg. 158*) and *FAST-SNAP*™ Outlet Boxes (*pg. 112*)

NEW!

T70FH2

T70FH4

T70FV2

T70FV4

T70P

T70PG

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Horizontal Sloped Communications Faceplate —2 Modules				
T70FH2IW	Single gang sloped snap-on faceplate accepts 2 *MINI-COM* modules (not included). *No additional mounting hardware required.*	Off White	1	10
Horizontal Sloped Communications Faceplate —4 Modules				
T70FH4IW	Single gang sloped snap-on faceplate accepts 4 *MINI-COM* modules (not included). *No additional mounting hardware required.*	Off White	1	10
Vertical Sloped Communications Faceplate —2 Modules				
T70FV2IW	Single gang sloped snap-on faceplate accepts 2 *MINI-COM* modules (not included). *No additional mounting hardware required.*	Off White	1	10
Vertical Sloped Communications Faceplate —4 Modules				
T70FV4IW	Single gang sloped snap-on faceplate accepts 4 *MINI-COM* modules (not included). *No additional mounting hardware required.*	Off White	1	10
Single Gang 106 Duplex Electrical/Communication Snap-On Faceplate				
T70PIW	Snap-on faceplate covers one NEMA standard 106 duplex electrical outlet. In communication application covers one standard 106 communication module frame. *No additional mounting hardware required.*	Off White	1	10
Single Gang Rectangular Electrical/Communication Snap-On Faceplate				
T70PGIW	Snap-on faceplate covers one NEMA standard rectangular electrical outlet. In communication application covers one standard rectangular communication module frame. *No additional mounting hardware required.*	Off White	1	10

‡ For other colors replace suffix IW (Off White) with EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.
* Not for use with electrical devices

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ Classic Series Snap-On Faceplates (cont'd)

T70PS

T70PGS

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Single Gang 106 Duplex Communication Snap-On Faceplate* ***(with screw holes to mount a module frame)***				
T70PSIW	Snap-on faceplate covers one NEMA standard 106 duplex module frame. Module frame screw mounts directly to underside of snap-on faceplate. No device bracket needed. *Supplied with one mounting screw.*	Off White	1	10
Single Gang Rectangular Communication Snap-On Faceplate* ***(with screw holes to mount a module frame)***				
T70PGSIW	Snap-on faceplate covers one NEMA standard rectangular communication module frame. Module frame screw mounts directly to underside of snap-on faceplate. *No device bracket needed. Supplied with two mounting screws.*	Off White	1	10

‡ For other colors replace suffix IW (Off White) with EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.
* Not for use with electrical devices

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ Classic Series Snap-On Faceplates

For use with T-70 (*pg. 95*), Twin-70 (*pg. 97*) and TE-70 Raceway (*pg. 142*), Outlet Pole (*pg. 158*) and FAST-SNAP™ Outlet Boxes (*pg. 112*)

T70BH1

T70BH2

T70B1

T70B2

MINI-COM Inserts see *page 41*

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Horizontal Communications Snap-On Faceplate—1 Insert				
T70BH1IW	Single gang snap-on Faceplate holds 1/2 MINI-COM® Insert and two Modules (not included). *No additional mounting hardware required.*	Off White	1	10
Horizontal Communications Snap-On Faceplate—2 Inserts				
T70BH2IW	Single gang snap-on Faceplate holds 1/2 MINI-COM Inserts and 4 Modules (not included). *No additional mounting hardware required.*	Off White	1	10
Vertical Communications Snap-On Faceplate—1 Insert				
T70B1IW	Single gang snap-on Faceplate holds 1/2 MINI-COM Insert and 4 Modules (not included). *No additional mounting hardware required.*	Off White	1	10
Vertical Communications Snap-On Faceplate—2 Inserts				
T70B2IW	Single gang snap-on Faceplate holds 1/2 MINI-COM Inserts and 4 Modules (not included). *No additional mounting hardware required*	Off White	1	10

‡ For other colors replace suffix IW (Off White) with EI (Electric Ivory), IG (International Gray), and WH (White).

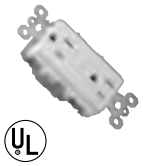
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ U.S. Style Electrical Outlets

Compatible with all *PAN-WAY* Surface Raceway

EDU20IW-X

ERU20IW-X



ETU20IW-X

EGU20IW-X

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
106 Duplex Electrical Outlet				
EDU20IW-X	20A U.S. style duplex outlet. Supplied with two mounting screws.	Off White	10	100
Rectangular Electrical Outlet				
ERU20IW-X	20A U.S. style rectangular outlet. Supplied with two mounting screws.	Off White	10	100
Rectangular Surge Suppression Electrical Outlet				
ETU20IW-X	20A TVSS rectangular outlet. Supplied with two mounting screws.	Off White	1	10
Rectangular Ground Fault Interrupt Electrical Outlet				
EGU20IW-X	20A GFCI rectangular outlet. Supplied with two mounting screws.	Off White	1	10
Commercial Grade Duplex or Rectangular Style outlet fits into US style surface mount outlet boxes. Compatible with all *PAN-WAY* Surface Raceway.				

‡ All parts listed in Off White color (IW). For Electrical Ivory substitute (EI).

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NEW! *PAN-WAY FAST-SNAP*™ Surface Mount Outlet Boxes

JB1FS**-A

Accepts Snap-On Faceplates!

JBP2FS

Accepts Snap-On Faceplates!

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
***FAST-SNAP* Single Gang Low Voltage Surface Mount Outlet Box**				
JB1FSIW-A	Single gang snap-together cover and base with adhesive backing. Accepts *PAN-WAY* Snap-on faceplates for data applications (See *pages 45-46*). L=5.00" (127.1mm) W=3.26" (82.7mm) H=1.62" (41.1mm) Conduit breakouts: 1", 1/2", 3/4"	Off White	1	10
***FAST-SNAP* Double Gang Power Rated Surface Mount Outlet Box**				
JBP2FSIW	Double gang snap-together cover and base. Accepts *PAN-WAY* Snap-On faceplates for power and data applications (See *pages 45-46*). L=5.00" (127.1mm) W=6.14" (155.9mm) H=1.62" (41.1mm) Conduit breakouts: 1", 1/2", 3/4"	Off White	1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Low Voltage Surface Mount Outlet Boxes

NEW Design!

JBX3510**-A

JB1**-A

Part Number	Description	Color‡	Std. Pkg Qty.	Std. Ctn. Qty.
Single Gang Two-Piece Snap-Together Box				
JBX3510IW-A	Two-piece box with adhesive backing. L=5.02" (127.4mm) W=3.27" (83.0mm) H=1.62" (41.1mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Single Gang One-Piece Box				
JB1IW-A	One Piece Box with adhesive backing. L= 5.09" (129.4mm) W=3.34" (85.0mm) H=1.75" (44.4mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) and WH (White).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Low Voltage Surface Mount Outlet Boxes (cont'd)

JB1D**-A

JBP2

JBP2D

RJBX3510

JBA-X

Part Number	Description	Color‡	Std. Pkg Qty.	Std. Ctn. Qty.
Single Gang One-Piece Deep Box				
JB1DIW-A	One Piece Deep Box with adhesive backing. L=5.23" (133.0mm) W= 3.48" (88.5mm) H=2.75" (69.8mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Double Gang Two-Piece Box				
JBP2IW	Double gang box-base & cover (screws included.) L=5.05" (128.2mm) W=5.05" (128.2mm) H=1.62" (41.1mm) Conduit Breakouts: 1/2", 3/4"	Off White	1	10
Power Rated Double Gang Two-Piece Deep Box				
JBP2DIW	Double gang box-base, cover, and divider wall (screws included). Conduit breakouts: 1", 1/2", 3/4"	Off White	1	10
Round Two-Piece Box				
RJBX3510IW	Round box-base & cover (screws not included). DIA: 5.48'' (139.2mm) H=1.12" (28.6mm) Conduit Breakouts 1", 3/4"	Off White	1	10
In-Wall Box Adapter				
JBA-X	Adapts single gang surface mount outlet boxes to in-wall conduit boxes.		1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) and WH (White).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Power Rated Surface Mount Outlet Boxes

NEW!

JBP1E

JBP1

JBP1I

JBP1D

JBP2

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Power Rated Single Gang Two-Piece Extension Box				
JBP1EIW	Single Gang Low Profile Box—base and cover. L= 4.99" (126.7mm) W=3.30" (83.8mm) H=1.00" (25.4mm) Conduit breakouts: 1", 1/2", 3/4"	Off White	1	10
Power Rated Single Gang Two-Piece Box				
JBP1IW	Single Gang Box—base and cover. L=5.19" (131.9mm) W=3.45" (87.7mm) H=1.75" (44.4mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Power Rated Single Gang Two-Piece Intermediate Box				
JBP1IIW	Single Gang Intermediate Box—base and cover. L=5.12" (130.2mm) W=3.38" (86.0mm) H=2.27" (57.7mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Power Rated Single Gang Two-Piece Deep Box				
JBP1DIW	Single Gang Deep Box—base and cover. L=5.19" (131.9mm) W= 3.45" (87.7mm) H=2.75" (69.9mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Double Gang Two-Piece Box				
JBP2IW	Double gang box-base and cover (screws included.) L= 5.05" (128.2mm) W=5.05" (128.2mm) H=1.62" (41.1mm) Conduit Breakouts: 1/2", 3/4"	Off White	1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) and WH (White).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ Power Rated Surface Mount Outlet Boxes (cont'd)

JBP2D

PSJBX

PRJBX36

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Power Rated Double Gang Two-Piece Deep Box				
JBP2DIW	Double Gang deep Box Base, cover and divider wall (screws included). L=5.19" (131.9mm) W=5.19" (131.9mm) H=2.75" (69.8mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Power Rated Two-Piece Power Source Box				
PSJBXIW	Power Source Box base and cover (screws not included). L=5.02" (127.6mm) W=3.27" (83.0mm) H=1.31" (33.3mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Power Rated Two-Piece Round Box				
PRJBX36IW	Round Outlet Box base and cover (screws not included) Dia: 5.48" (139.2mm) H=1.12" (28.6mm) Conduit Breakouts: 1", 3/4"	Off White	1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) and WH (White).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Surface Mount Outlet Box with 20A Electrical Outlet

NEW!

JBP1MR20

NEW!

JBP1MD20

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
20A Rectangular Low Profile Box with 20A Electrical Outlet				
JBP1MR20IW	Two-Piece power rated low profile. Supplied with 20A U.S. style rectangular outlet.	Off White	1	10
20A 106 Duplex Low Profile Box with 20A Electrical Outlet				
JBP1MD20IW	Two-Piece power rated low profile. Supplied with 20A U.S. style 106 duplex electrical outlet.	Off White	1	10

‡ For other color replace IW (Off White) with EI (Electrical Ivory).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Divided Surface Mount Outlet Boxes

JBP1D

JBD1

JBP2S

JBP2D

JBD2

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Power Rated Single Gang Two-Piece Deep Box				
JBP1DIW	Single Gang Deep Box-base and cover. L=5.19" (131.9mm) W= 3.45" (87.7mm) H=2.75" (69.9mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Single Gang Pass Through Divider for LD2P10 Raceway				
JBD1	Pass through divider allows power & communications outlets to be routed in series. Used with JBP1D. Must use with LD2P10 Raceway. L=4.99 (126.7mm) W=3.25 (82.5mm) H=0.89 (22.6mm)	—	1	10
Power Rated Double Gang Three-Piece Divided Box				
JBP2SIW	Double Gang Box-base, cover, and divider wall for power and data applications. (screws included). L=5.05 (128.2mm) W=5.05 (128.2mm) H=1.62 (41.1mm) Conduit Breakouts: 1/2", 3/4"	Off White	1	10
Power Rated Single Gang Two-Piece Deep Box				
JBP2DIW	Double Gang Box-base, cover, and divider wall (screws included). L=5.19" (131.9mm) W=5.19" (131.9mm) H=2.75" (69.8mm) Conduit Breakouts: 1", 1/2", 3/4"	Off White	1	10
Double Gang Pass Through and Divider for LD2P10 Raceway				
JBD2	Pass through divider allows power & communication outlets to be routed in series. Used with JBP2D. Must use with LD2P10 Raceway. L=5.00 (127.0mm) W=5.00 (127.0mm) H=1.51 (38.3mm)	—	1	10

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), WH (White) and BL (Black).
NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Raceway Adapters

Part Number	Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Raceway Adapters for LD Profile Raceways				
CA3IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use with types LDP3, LD3, LDS3 raceways.	Off White	10	100
CA5IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use with Types LDP5, LD5, and LDS5 raceways.	Off White	10	100
Raceway Adapters for PD Raceways				
BA3IW-X	Fits into LD10 breakout of most *PAN-WAY* Surface Mount Outlet Boxes. For use with type PD3 raceway.	Off White	10	100
BA6IW-X	Fits into LD10 breakout of most *PAN-WAY* Surface Mount Outlet Boxes. For use with type PD6 raceway.	Off White	10	100

‡ For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), WH (White), and BR (Brown).
BL (Black) is also available in select Size 5 Fittings ONLY. Contact factory for details.

NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

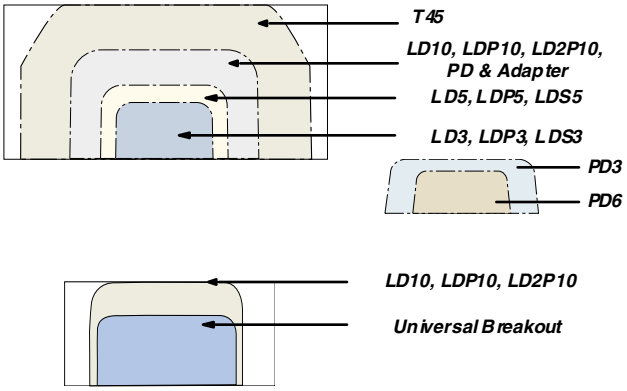
Selection Chart for using *PAN-WAY*™ Surface Raceways with *PAN-WAY* Surface Mount Outlet Boxes

How to use this chart:

1) Locate the desired *PAN-WAY* Raceway in the left column.
2) Locate the desired box in the top row.
3) Locate the intersecting space to see if they can be used together.
4) Color indicates proper box breakout (or adapter for PD raceway).

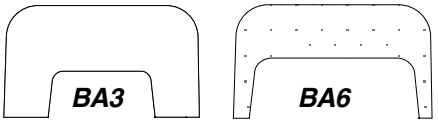
	PAN-WAY Outlet Boxes										*PAN-WAY* Fittings
	Low Voltage or Fiber Optic ONLY		Power, Low Voltage or Fiber Optic								
	JB1, JB1D, JB1FS, JBX3510	RJBX3510	JBP1	JBP1D	JBP1E	JBP1I, JBP2	JBP2S, JBP2D, JBP2FS	JBP1MR20, JBP1MD20	PRJBX36	PSJBX	RAEFX, DCEFX
Type LD (Low Voltage or Fiber Optic ONLY)											
LD3	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y w/CA3
LD5	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y w/ CA5
LD10	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y
Type LDP (Power, Low Voltage or Fiber Optic)											
LDP3	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y w/CA3
LDP5	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y w/ CA5
LDP10	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
Type LDS (Power, Low Voltage or Fiber Optic)											
LDS3	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y w/CA3
LDS5	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y w/ CA5
Type LD2P10 (Power, Low Voltage or Fiber Optic)											
LD2P10	N	N	N	Y w/JBD1	N	N	Y	N	N	N	N
Type PD (Power, Low Voltage or Fiber Optic)											
PD3	Y w/BA3	N	Y w/BA3	Y w/BA3	N	Y w/BA3	Y w/BA3	N	Y	N	N
PD6	Y w/BA6	N	Y w/BA6	Y w/BA6	N	Y w/BA6	Y w/BA6	N	Y	N	N
Type T45 (Power, Low Voltage or Fiber Optic)											
T45	Y (JB1FS and JBX3510)	N	N	Y	N	N	Y	N	N	N	N

Breakout Schemes



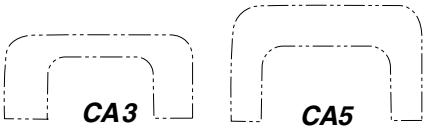
Adapters

PD Adapters



BA3 & BA6 adapters found on *page 115*.
Adapters fit LD10 Breakout.

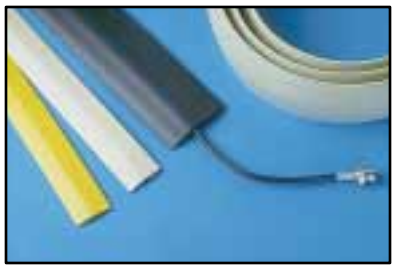
LD Adapters



CA3 & CA6 adapters found on *page 115*.
Adapters fit Universal Breakout.

Prime Items appear in **BOLD**.

Floor Guard



- Routes cabling over carpet, concrete or tile to prevent tripping
- Flexible vinyl material can be easily cut to length
- Cables slip into slit on base
- Adhesive mounting tape is supplied

Part Number	Length	Overall Size W x H	Wire Slot Size W x H	Color	Std. Pkg. Qty.
FG1 – For single, twisted pair cables					
FG1EI6-A **FG1BR6-A** **FG1YL6-A** **FG1BL6-A**	6 ft.	1.25" x .27" (31.8 x 6.9)	.25" x .27" (6.4 x 4.3)	Elec. Ivory Brown Safety Yellow Black	6 ft.
FG1EI50-A **FG1BR50-A** **FG1YL50-A** **FG1BL50-A**	50 ft.			Elec. Ivory Brown Safety Yellow Black	50 ft.
FG3 – For multiple or larger cables					
FG3EI6S-A **FG3BR6S-A** **FG3YL6S-A** **FG3BL6S-A**	6 ft.	2.44" x .47" (62.0 x 12.0)	.68" x .28" (17.2 x 7.1)	Elec. Ivory Brown Safety Yellow Black	30 ft.
FG3EI50-A **FG3BR50-A** **FG3YL50-A** **FG3BL50-A**	50 ft.			Elec. Ivory Brown Safety Yellow Black	50 ft.

ORDERING INFORMATION:
Order number of feet required, in multiples Standard Package Quantity.
Note: Mounting tape is pre-applied only to FG3 in 6 ft. lengths.

Magnet Strip

- Mounts adhesive backed raceway to metal surfaces such as desks, cabinets, modular furniture, etc.
- Flexible material can be easily cut to length

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Magnet Strip			
FMS75X6	6 ft. roll x .75" wide for use with PD3, LDP3, LD3, Raceway	1 pc.	10 pcs.
FMS100X6	6 ft. roll x 1.00" wide for use with PD6, LDP5, LDP10, LD5, LD10, Raceway	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY™ LD PROFILE NON-METALLIC SURFACE RACEWAYS

Type LD2P10

Type LD

Type LDP

Type LDS

PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

LD Profile single and multi-channel raceways provide solutions for routing low voltage, fiber optic and power cabling along fixed perimeter walls. LD Profile raceways have available Standard, 1" Bend Radius Control, Power Rated Bend Radius Control and Multi-Channel Bend Radius Control Fittings. LD Profile raceways are compatible with *PAN-WAY* Surface Mount Outlet Boxes and most *MINI-COM*® Surface Mount Boxes.

LD Profile Raceways:

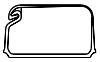
Type LD2P

One-piece multi-channel design routes power and low voltage and fiber optic cabling within the same raceway. Extremely tamper resistant latch design excellent for school and university applications. Full complement of divided fittings, boxes and faceplates. Available in one size: 10.

Type LDP

One-piece single channel design for power, low voltage or fiber optic applications. Extremely tamper resistant latch design excellent for school and university applications. Accessible for moves adds and changes by the qualified installer. Available in three sizes: 3, 5, 10.

Type LD



One-piece single channel design for low voltage applications only. Quick release latch for easy moves, adds and changes. Wires are laid in instead of pulled through for quick & easy installations. Available in three sizes: 3, 5, 10.

Type LDS

One-piece single channel for power or low voltage applications. Solid (non-latching) design is economical with unmatched tamper resistance. Bendable in low voltage applications to route around and over obstructions. Available in two sizes: 3, 5.

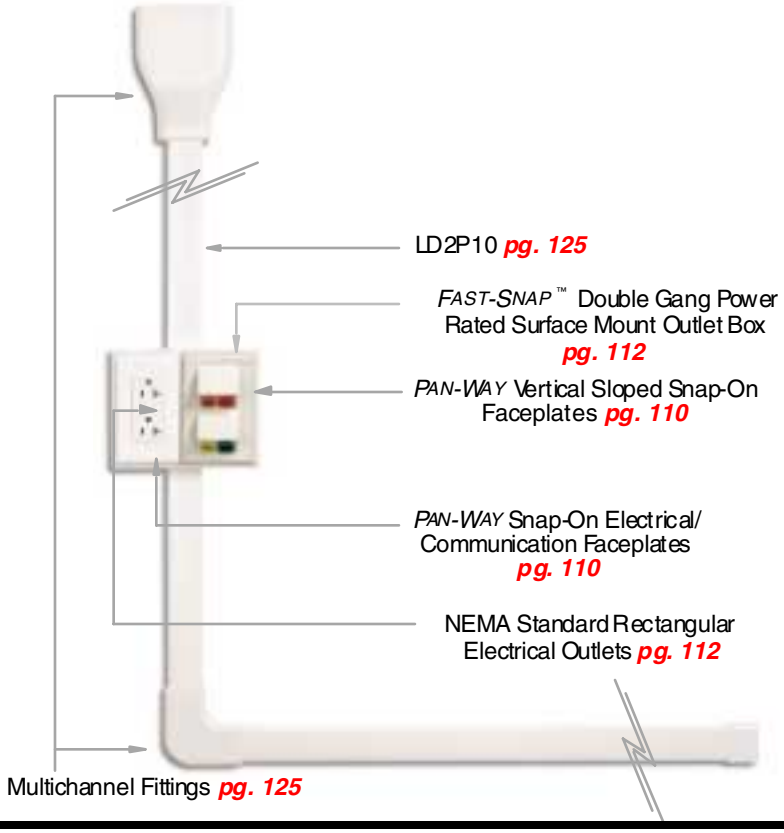
For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-WAY™ LD Profile Non-Metallic Raceways Data & Power—Roadmap

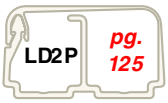
SNAP-ON FACEPLATES

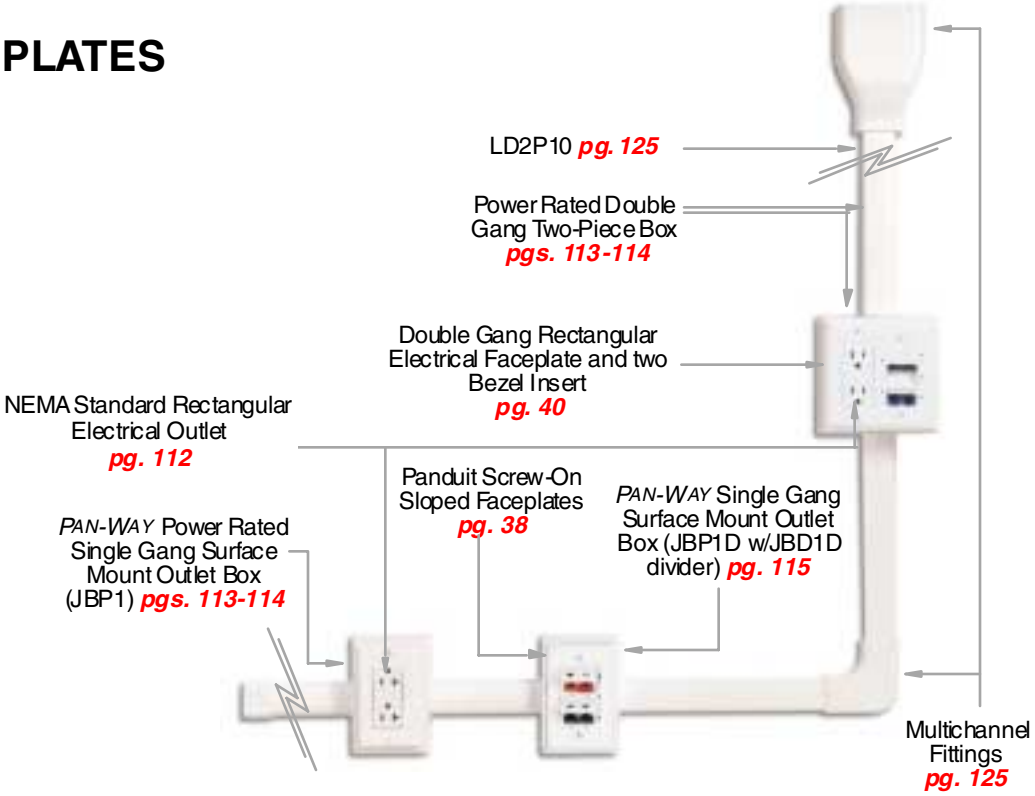
APPLICABLE RACEWAYS



SCREW-ON FACEPLATES

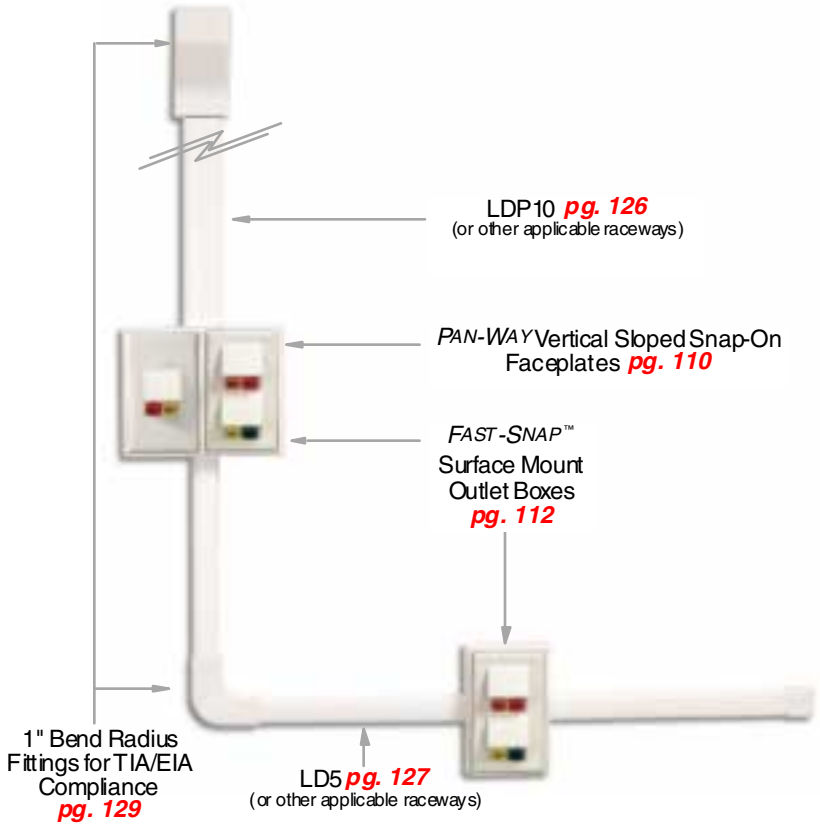
APPLICABLE RACEWAYS





PAN-WAY™ LD Profile Non-Metallic Raceways Data Only—Roadmap

SNAP-ON FACEPLATES



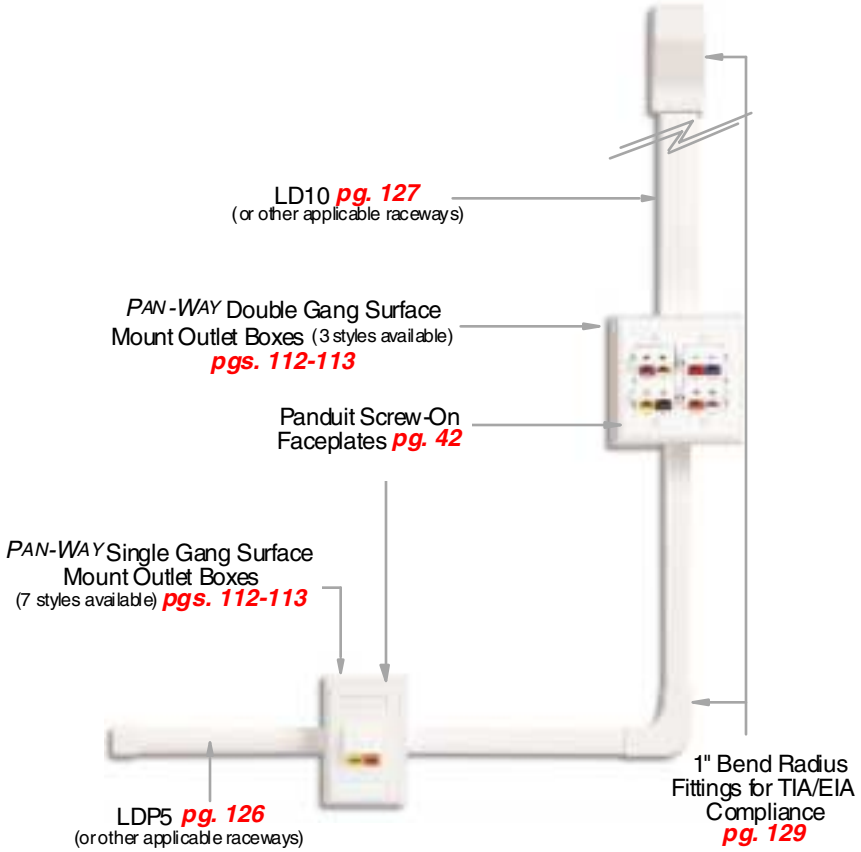
APPLICABLE RACEWAYS

- LDP pg. 126
- LD pg. 127
- LDS pg. 128

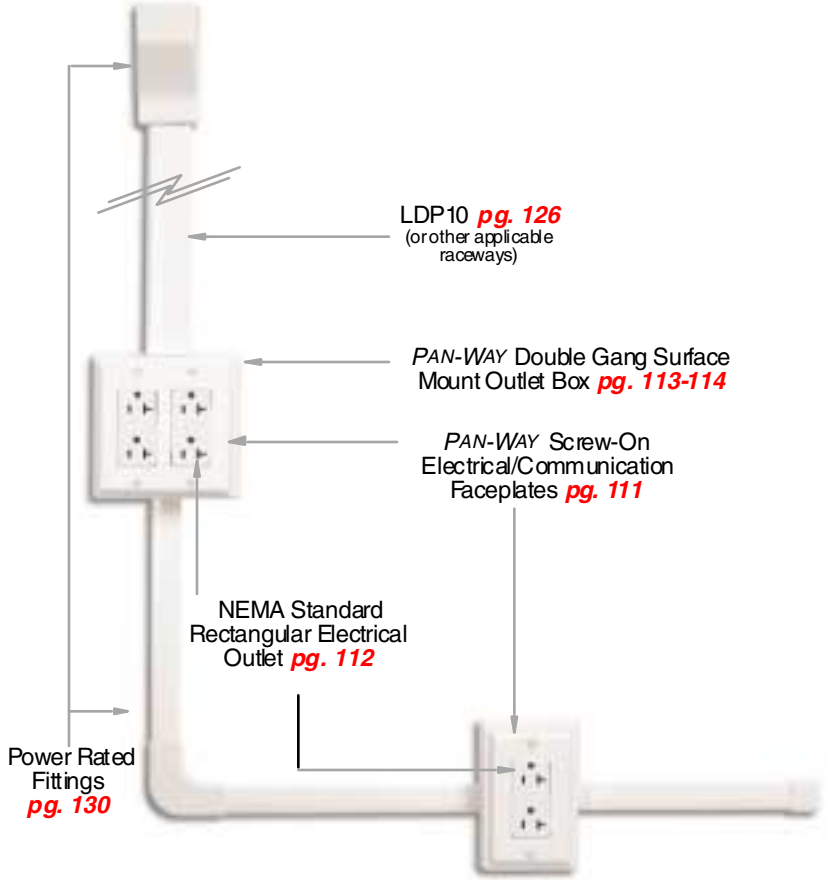
SCREW-ON FACEPLATES

APPLICABLE RACEWAYS

- LDP pg. 126
- LD pg. 127
- LDS pg. 128



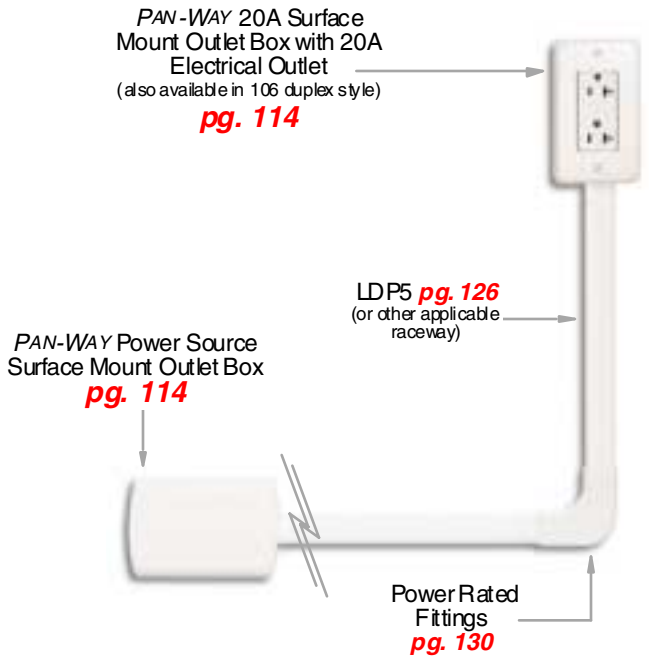
PAN-WAY™ LD Profile Non-Metallic Raceways Power Only—Roadmap



SCREW-ON FACEPLATES

APPLICABLE RACEWAYS	
LDP pg. 126	LDS pg. 128

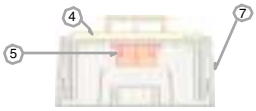
OPTIONAL BOX STYLES



PAN-WAY LD Profile Raceway Configurations

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V) in horizontal applications.

PAN-WAY Snap-On Faceplates

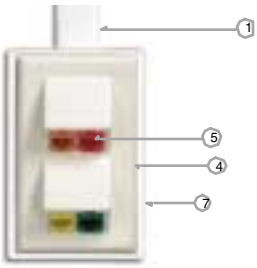


Data Only (A)

Data Only (B)

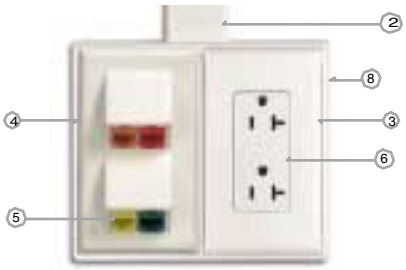
Data & Power

- Snap-On Faceplates provide a superior appearance
- Communication Faceplates accept MINI-JACK ™, MINI-COM ®, or OPTI-JACK ® Connector Modules
- FAST-SNAP ™ Boxes snap together for quick installation
- Data and Power box is divided to maintain separation



Data Only (A)

Data Only (B)



Data & Power

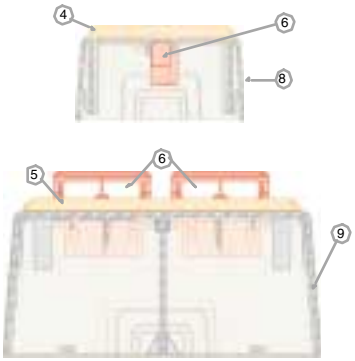
(Must be used with LD2P10 raceway)

	Components Required	Data (A)	Data (B)	Data & Power	See Page
1.	LD2P10 Multichannel Raceway			X	125
2.	LDP/LD/LDS	X	X		126 -128
3.	Snap-On Electrical/Communication Faceplate(s)			X	110
4.	Vertical Sloped Snap-On Communications Faceplate (shown:T70FV4, T70FV2)	X	X	X	110
5.	MINI-JACK Modular Jacks MINI-COM Modules MINI-COM Fiber Optic Connector Modules	X	X	X	3, 10-11 13-14 24
6.	NEMA Standard Rectangular Outlet			X	112
7.	Single Gang FAST-SNAP Outlet Box	X			112
8.	Double Gang FAST-SNAP Outlet Box		X	X	112

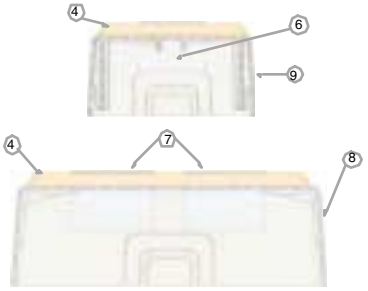
Note: For data area(s) and fill capacity information see page 131.

PAN-WAY™ LD Profile Raceway Configurations (cont'd)

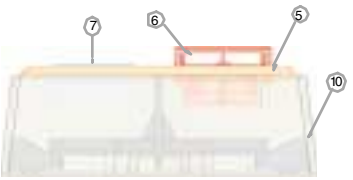
Panduit Screw-On Faceplates (NEMA Standard)



Data Only



Power Only

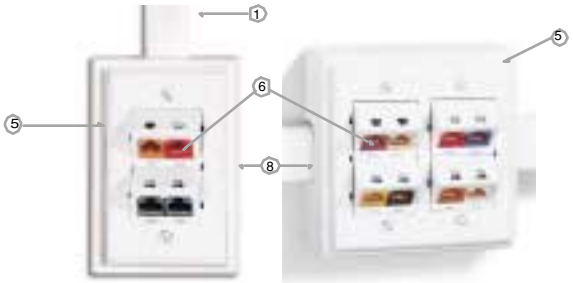


Data & Power

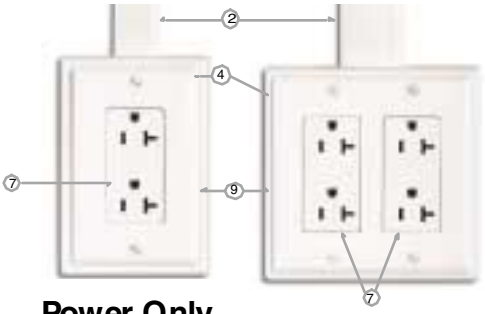
- Standard PAN-NET™ Screw-On Faceplate used.
- Communication Faceplates shown accept MINI-JACK™, MINI-COM®, or OPTI-JACK® modules.

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	LD2P10 Multichannel Raceway			X	125
2.	LDP/LD/LDS Raceway	X			126-128
3.	LDP or LDS Raceway only		X		126-128
4.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (single or double gang available)		X		42
5.	Panduit Screw-On Vertical Sloped Faceplates (CB-2G)	X	X	X	40
6.	MINI-JACK Modular Jacks MINI-COM Modules MINI-COM Fiber Optic Connector Modules	X		X	3, 10-11 13-14 24
7.	NEMA Standard Rectangular Outlet(s)		X	X	112
8.	Low Voltage Surface Mount Outlet Boxes (7 styles to choose from)	X			112-113
9.	Power Rated Surface Mount Outlet Boxes (5 styles to choose from)		X		113-114
10.	Divided Power Rated Surface Mount Outlet Boxes (3 styles to choose from)			X	115

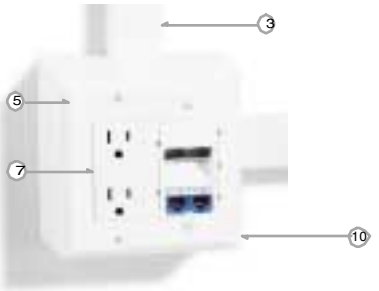
Note: For data area(s) and fill capacity information see *page 131*.



Data Only



Power Only

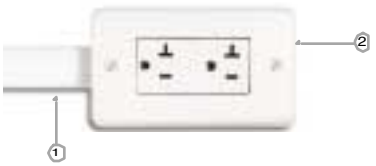


Data & Power

NEW!

Optional for Power

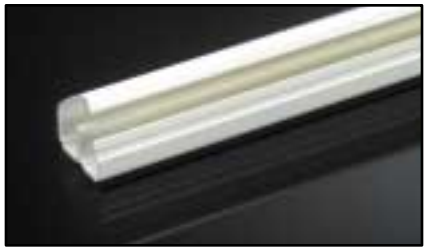
- Surface Mount Outlet Box includes box, 20A outlet and cover in duplex rectangular or 106 styles



	Components Required		Power Only		See Page
1.	LDP or LDS Raceway		X		126, 128
2.	20A Low Profile Rectangular or 106 Style Surface Mount Outlet Boxes (includes base, box, 20A outlet & self cover)		X		114

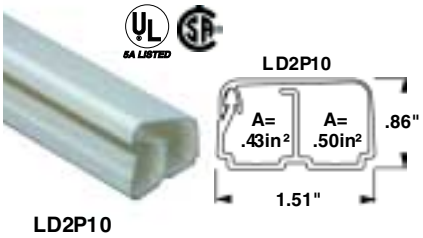
PAN-WAY™ Type LD2P Multi-Channel Surface Raceway

PAN-WAY Type LD2P Surface Raceway is a two channel raceway designed to route, protect and conceal data, voice, video, fiber-optic **and** power cabling.



Type LD2P Raceway Benefits:

- Power rated to 600V (UL), 300V (CSA). Meets **UL5A** and CSA 22.2 No. 62-93 standards
- FT-4 Rated for Canada
- Routes Power & Data together!
- Tamper resistant latch for School & University applications
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation



Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
LD2P10—Surface Raceway				
8 ft. lengths		**10 ft. lengths**		
LD2P10IW8-A	160 ft.	**LD2P10IW10-A**	200 ft.	Off White
Two channel tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape.				

NOTE: LD2P Raceway requires screw mounting if it is being used for power cabling applications
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

See *page 126* **for LDW10-V** Installation Tool.

Fittings for Multi-Channel Applications

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
CFX10IW-X	Coupler Fitting	Off White	10 pcs.	100 pcs.
ICFX10IW-X	Inside Corner Fitting	Off White	10 pcs.	100 pcs.
OCFX10IW-X	Outside Corner Fitting	Off White	10 pcs.	100 pcs.
RAFX10IW-X	Right Angle Fitting	Off White	10 pcs.	100 pcs.
ECFX10IW-X	End Cap Fitting	Off White	10 pcs.	100 pcs.
TFXD10IW-X	Tee Fitting with Divided Insert	Off White	10 pcs.	100 pcs.
EEFXIW	Entrance End Fitting	Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

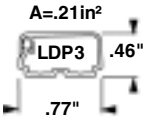
PAN-WAY™ Type LDP Surface Raceway

PAN-WAY Type LDP Surface Raceway is a single channel raceway designed to route, protect and conceal data, voice, video, fiber-optic or power cabling.

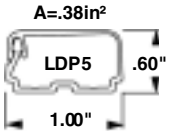
Type LDP Raceway Benefits:

- Power rated to 600V(UL), 300V(CSA). Meets **UL5A** and CSA 22.2 No. 62-93 standards
- Tamper resistant latch for School & University applications
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada

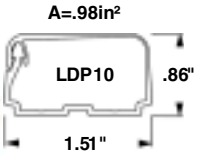
LDP3



LDP5



LDP10



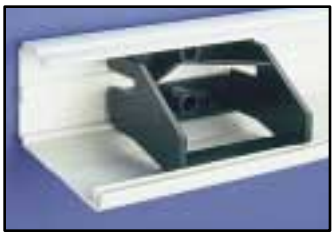
Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
8 ft. lengths		**10 ft. lengths**		
LDP3—Surface Raceway				
LDP3IW8-A	160ft.	**LDP3IW10-A**	200 ft.	Off White
LDP5—Surface Raceway				
LDP5IW8-A	160ft.	**LDP5IW10-A**	200 ft.	Off White
LDP10—Surface Raceway				
LDP10IW8-A	160ft.	**LDP10IW10-A**	200 ft.	Off White
Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape.				

NOTE: LDP Raceway requires screw mounting if it is being used for power cabling applications.
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

See *pages 129-130* for fittings.

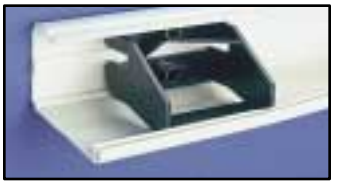
LD/LDP/LD2P Raceway Installation Tool



Part Number	Description		Std. Pkg. Qty.	Std. Ctn. Qty.
LDP Raceway Installation Tool				
LDW3-V	Optional installation tool for use with Type LD3/LDP3 raceways.	Serves as guide for drill bit in screw mount applications. Holds LD/LDP/LD2P raceway cover open during installation	5 pcs.	50 pcs.
LDW5-V	Optional installation tool for use with Type LD5/LDP5 raceways.		5 pcs.	50 pcs.
LDW10-V	Optional installation tool for use with Type LD10/LDP10/LD2P10 raceways.		5 pcs.	50 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Optional Mounting Method



Raceway mounts easily to smooth, clean interior surfaces, however, not all surfaces are suitable for adhesive mounting. In these applications, use the foam tape as a temporary mounting means. Insert the raceway installation tool to facilitate screw installation.

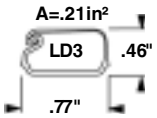
PAN-WAY Type LD Surface Raceway

PAN-WAY Type LD Surface Raceway is a single channel raceway designed to route, protect and conceal data, voice and video cabling.

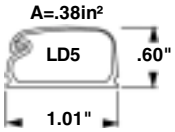
Type LD Raceway Benefits:

- One-piece hinged design allows cables to be laid in
- FT-4 Rated for Canada
- Factory applied adhesive backing speeds installation

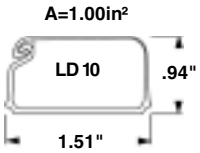
LD3



LD5



LD10



Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
LD3—Surface Raceway						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
LD3IW6-A	120 ft.	**LD3IW8-A**	160 ft.	LD3IW10-A	200 ft.	Off White
LD5—Surface Raceway						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
LD5IW6-A	120 ft.	**LD5IW8-A**	160 ft.	LD5IW10-A	200 ft.	Off White
LD10—Surface Raceway						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
LD10IW6-A	120 ft.	**LD10IW8-A**	160 ft.	LD10IW10-A	200 ft.	Off White
One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape.						

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

See *pages 129-130* for fittings.

PAN-WAY Surface Raceway Cutting Tool

- Rugged, ratchet-action tool cuts surface raceway

Part Number	Description	Std. Pkg. Qty.
Surface Raceway Cutting Tool		
SRT	Used to easily cut all sizes of Types LDP, LD2P, LD, LDS, and PD raceway. Leaves a clean, burr-free end on raceway. Can also be used to cut plastic conduit.	1 pc.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

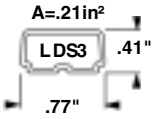
PAN-WAY™ Type LDS Surface Raceway

PAN-WAY Type LDS Surface Raceway is a single channel, solid one-piece, economical raceway designed to route, protect and conceal data, voice, video or power cabling.

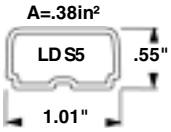
Type LDS Raceway Benefits:

- Power rated to 600V(UL) and meets **UL5A** standards
- FT-4 Rated for Canada
- Tamper resistance
- Type LDS is **the only non-metallic raceway that is bendable** in low voltage applications to route around and over obstructions
- Factory applied adhesive backing speeds

LDS3



LDS5



Part Number	Description	Std. Ctn. Qty.	Colors‡
	10 ft. lengths		
LDS3—Surface Raceway			
LDS3IW10-A	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape.	200 ft.	Off White
LDS5—Surface Raceway			
LDS5IW10-A	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape.	200 ft.	Off White

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

NOTE: LDS Raceway requires screw mounting using the LMD Mounting Straps if it is being used for power cabling applications.

NOTE 2: LMD Mounting Straps are recommended in low voltage applications for use near a bend in Type LDS raceway.

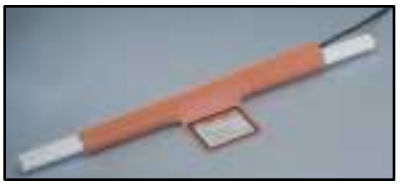
ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

See *pages 129-130* for fittings.

Method for Bending Type LDS Raceway (Low Voltage Applications)

Step 1: Slide 18 to 30" section of LDS Raceway into PVC pipe heating blanket.* (Recommend blanket designed for bending 1/2" to 1 1/2" PVC conduit.)

*Heating blanket not provided by Panduit



Step 2: Allow section to heat approximately 2-3 minutes. Raceway will be soft and pliable but should not stretch. (Time will vary with blanket temperature and raceway size.)

Step 3: Remove raceway section from blanket and hold in desired position until the raceway cools. Install mounting straps immediately.

Accessories — Mounting Straps

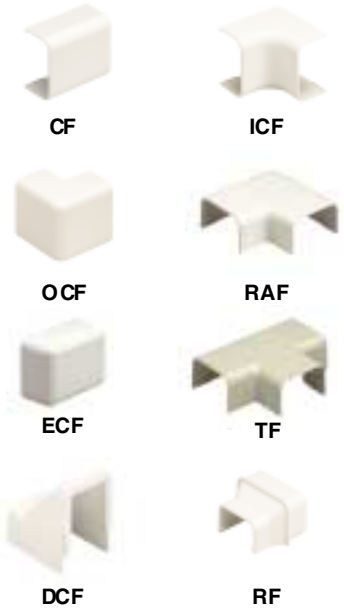
- Straps are made of 94V-0 impact resistant ABS/polycarbonate material
- Wide enough to be used as coupler between raceway sections

Part Number	Used with LDS & LDP Size	Description	Colors‡	Std. Pkg Qty.	Std. Ctn. Qty.
LMD—Mounting Straps					
LMD3IW-Q	Size 3	Mounted to raceway when running power cables to comply with UL listing requirements.	Off White	25 pcs.	100 pcs.
LMD5IW-Q	Size 5		Off White	25 pcs.	100 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Standard Fittings for Low Voltage Applications



Description	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Colors‡	Std. Ctn. Qty.
	Size 3		Size 5		Size 10			
Coupler Fitting	**CF3IW-E**	20 pcs.	**CF5IW-E**	20 pcs.	**CF10IW-X**	10 pcs.	Off White	100 pcs.
Inside Corner Fitting	ICF3IW-E	20 pcs.	ICF5IW-E	20 pcs.	ICF10IW-X	10 pcs.	Off White	100 pcs.
Outside Corner Fitting	OCF3IW-E	20 pcs.	OCF5IW-E	20 pcs.	OCF10IW-X	10 pcs.	Off White	100 pcs.
Right Angle Fitting	**RAF3IW-E**	20 pcs.	**RAF5IW-E**	20 pcs.	**RAF10IW-X**	10 pcs.	Off White	100 pcs.
End Cap Fitting	**ECF3IW-E**	20 pcs.	**ECF5IW-E**	20 pcs.	**ECF10IW-X**	10 pcs.	Off White	100 pcs.
Tee Fitting	TF3IW-E	20 pcs.	TF5IW-E	20 pcs.	TF10IW-X	10 pcs.	Off White	100 pcs.
Drop Ceiling/ Entrance End	**DCF3IW-X**	10 pcs.	**DCF5IW-X**	10 pcs.	**DCF10IW-X**	10 pcs.	Off White	100 pcs.
Reducer Fitting	RF5X3IW-E	20 pcs.	RF10X5IW-X	10 pcs.	RF10X3IW-X	10 pcs.	Off White	100 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

1" Bend Radius Fittings for TIA/EIA Compliance

Description	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Colors‡	Std. Ctn. Qty.
	Size 3		Size 5		Size 10			
Coupler Fitting	**CFX3IW-X**	10 pcs.	**CFX5IW-X**	10 pcs.	**CFX10IW-X**	10 pcs.	Off White	100 pcs.
Inside Corner Fitting	ICFC3IW-X	10 pcs.	ICFC5IW-X	10 pcs.	ICFC10IW-X	10 pcs.	Off White	100 pcs.
Outside Corner Fitting	OCFX3IW-X	10 pcs.	OCFX5IW-X	10 pcs.	OCFX10IW-X	10 pcs.	Off White	100 pcs.
Right Angle Fitting	**RAFC3IW-X**	10 pcs.	**RAFC5IW-X**	10 pcs.	**RAFC10IW-X**	10 pcs.	Off White	100 pcs.
End Cap Fitting	**ECFX3IW-X**	10 pcs.	**ECFX5IW-X**	10 pcs.	**ECFX10IW-X**	10 pcs.	Off White	100 pcs.
Tee Fitting	TFC3IW-X	10 pcs.	TFC5IW-X	10 pcs.	TFC10IW-X	10 pcs.	Off White	100 pcs.
Drop Ceiling/ Entrance End	**DCEFXIW-X**	10 pcs.	**DCEFXIW-X**	10 pcs.	**DCEFXIW-X**	10 pcs.	Off White	100 pcs.
Right Angle Entrance End	**RAEFXIW-X**	10 pcs.	**RAEFXIW-X**	10 pcs.	**RAEFXIW-X**	10 pcs.	Off White	100 pcs.
Reducer Fitting	RFX53IW-X	10 pcs.	RFX105IW-X	10 pcs.	RFX103IW-X	10 pcs.	Off White	100 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Power Rated Fittings for Power to 600V

CFX

ICFX

OCFC

RAFX

ECFX

TFX

DCEFX

RAEFX

RFX

Description	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Colors‡	Std. Ctn. Qty.
	Size 3		Size 5		Size 10			
Coupler Fitting	**CFX3IW-X**	10 pcs.	**CFX5IW-X**	10 pcs.	**CFX10IW-X**	10 pcs.	Off White	100 pcs.
Inside Corner Fitting	ICFX3IW-X	10 pcs.	ICFX5IW-X	10 pcs.	ICFX10IW-X	10 pcs.	Off White	100 pcs.
Outside Corner Fitting	OCFC3IW-X	10 pcs.	OCFC5IW-X	10 pcs.	OCFC10IW-X	10 pcs.	Off White	100 pcs.
Right Angle Fitting	**RAFX3IW-X**	10 pcs.	**RAFX5IW-X**	10 pcs.	**RAFX10IW-X**	10 pcs.	Off White	100 pcs.
End Cap Fitting	**ECFX3IW-X**	10 pcs.	**ECFX5IW-X**	10 pcs.	**ECFX10IW-X**	10 pcs.	Off White	100 pcs.
Tee Fitting	TFX3IW-X	10 pcs.	TFX5IW-X	10 pcs.	TFX10IW-X	10 pcs.	Off White	100 pcs.
Drop Ceiling/ Entrance End	**DCEFXIW-X**	10 pcs.	**DCEFXIW-X**	10 pcs.	**DCEFXIW-X**	10 pcs.	Off White	100 pcs.
Right Angle Entrance End	**RAEFXIW-X**	10 pcs.	**RAEFXIW-X**	10 pcs.	**RAEFXIW-X**	10 pcs.	Off White	100 pcs.
Reducer Fitting	RFX53IW-X	10 pcs.	RFX105IW-X	10 pcs.	RFX103IW-X	10 pcs.	Off White	100 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Maintains TIA/EIA 568-A and 569-A minimum 1" cable bend radius

Prime Items appear in **BOLD**.

Quick Wire Fill Capacities for LD Profile Raceways

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.

LD2P10-Left	LD2P10-Right
.43 in²	.50 in²

LDP3	LDP5	LDP10
.21 in²	.38 in²	.98 in²

LD3	LD5	LD10
.21 in²	.38 in²	1.00 in²

LDS3	LDS5
.21 in²	.38 in²

SPEC=40% wirefill*—the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill*—the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power= *maximum number of electrical cables based on UL temperature rise test data*

Raceway Channel Wirefill Configurations	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/U		2 Strand	
		THHN/T90			4 pr		CAT5 4pr					
		0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
LD2P10-Left Channel	.43	14	11	8	6	9	4	6	4	6	7	11
LD2P10-Right Channel	.50	**	**	**	7	10	5	8	4	7	8	12
LDP3	.21	9	6	4	2	4	2	3	2	3	3	5
LDP5	.38	10	8	5	5	8	4	6	3	5	6	9
LDP10	.98	12	7	5	13	20	10	15	9	13	16	16
LD3	.21	**	**	**	2	4	2	3	2	3	4	5
LD5	.38	**	**	**	5	8	4	6	3	5	3	9
LD10	1.00	**	**	**	14	21	10	16	9	13	16	24
LDS3	.21	9	6	4	2	4	2	3	2	3	3	5
LDS5	.38	10	8	5	5	8	4	6	3	5	6	9

** Not power configuration

PAN-WAY™ TYPE PD NON-METALLIC SURFACE RACEWAY

Flexible Fittings

Accepts NEMA Standard Faceplates

PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

PD single channel raceway provides a solution for routing low voltage or power cabling along fixed perimeter walls. The PD raceway system consists of raceway base, cover and fittings. PD raceway is compatible with most *PAN-WAY* Surface Mount Outlet Boxes.

PD Raceway:

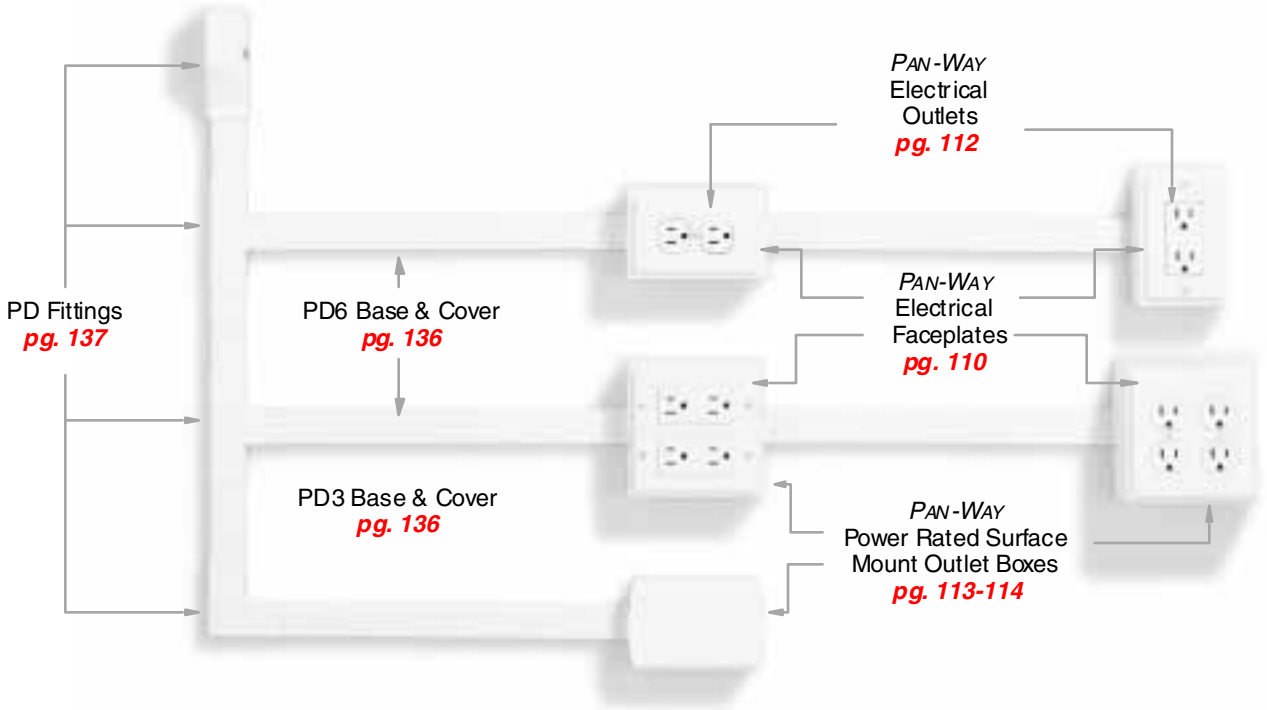
Single channel two-piece design for power or low voltage applications. Low profile tamper-resistant design. Full complement of fittings. Available in two sizes: 3, 6.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

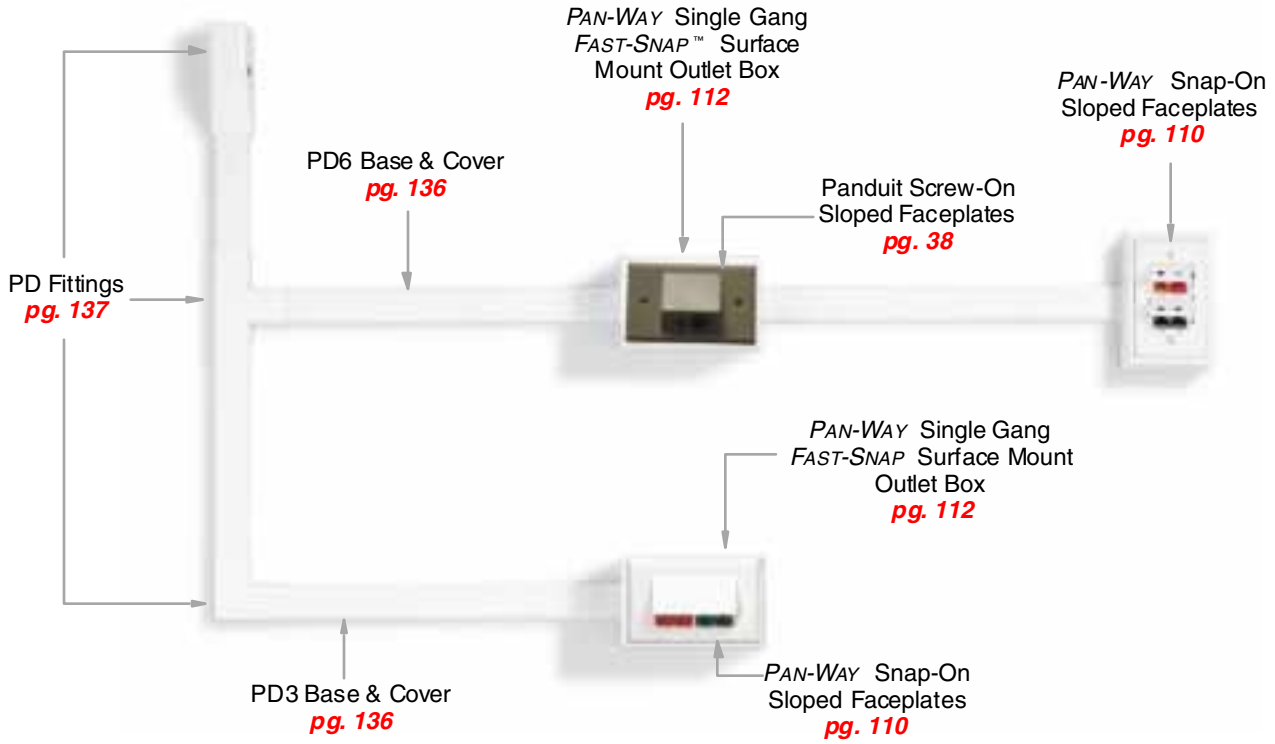
Sold exclusively by authorized Panduit distributors.

PAN-WAY™ Type PD Raceway—Roadmap

Power ONLY Applications



Data ONLY Applications

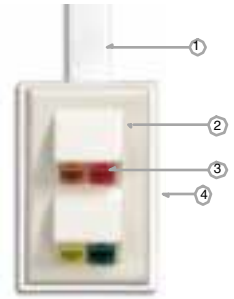


PAN-WAY Type PD Raceway Configurations

Application: Routing low voltage cables or power cabling: UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V) in horizontal applications.

PAN-WAY Snap-On Faceplates

Data Only



Data Only

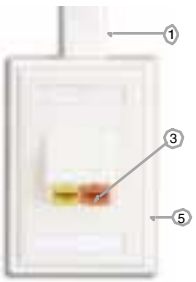
- Snap-On Faceplates provide a superior appearance
- Communications Faceplates accept MINI-JACK ™, MINI-COM ®, or OPTI-JACK ®, Connector Modules
- FAST-SNAP ™ Boxes snap together for quick installation

	Components Required	Data			See Page
1.	PD3 or PD6 Raceway	X			136
2.	PAN-WAY Snap-On Faceplate(s)	X			110
3.	MINI-JACK Modular Jacks MINI-COM Modules OPTI-JACK Fiber Optic Connector Modules	X			3,10-11 13-14 24
4.	Single Gang FAST-SNAP Outlet Box	X			112
5.	Raceway Adapter (BA3 or BA6) to adapt PD to LD10 box breakout	X			137

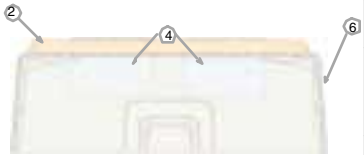
Note: For data area(s) and fill capacity information see page 138.

Panduit Screw-On Faceplates

Data Only



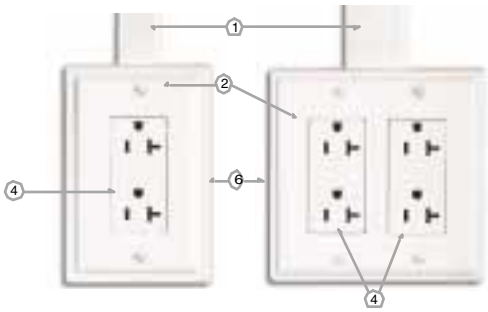
Data Only



Power Only

	Components Required	Data Only	Power Only	See Page
1.	PD3 or PD5 Raceway	X		136
2.	U.S. Standard Screw-On Electrical/Communication Faceplate(s) (single or double gang available)		X	42
3.	MINI-JACK Modular Jacks MINI-COM Modules OPTI-JACK Fiber Optic Connector Modules	X		3,10-11 13-14 24
4.	PAN-WAY Electrical Outlet(s) (ERU20 shown)		X	112
5.	Low Voltage Surface Mount Outlet Boxes (7 styles to choose from)	X		112-113
6.	Power Rated Surface Mount Outlet Boxes (5 styles to choose from)		X	113-114
7.	Raceway Adapter (BA3 or BA6) to adapt PD to LD10 box breakout	X	X	137

Note: For data area(s) and fill capacity information see page 138.



Power Only

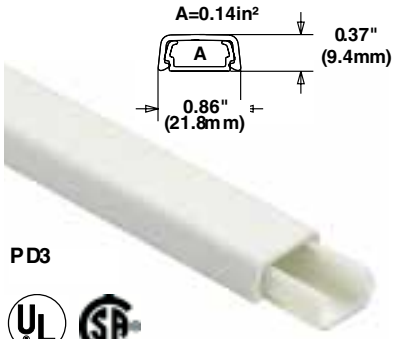
PAN-WAY™ Type PD Surface Raceway

PAN-WAY Type PD Surface Raceway is a single channel raceway system to route, protect and conceal power, data, voice, or video cabling.

PD System Benefits:

- **UL-5A Listed** to 600 V and CSA 22.2 No. 62-93 Listed to 300 V
- FT-4 Rated for Canada
- Tamper resistant for School and University applications

Type PD Raceway Bases and Covers



PD3

5A LISTED

PD6

5A LISTED

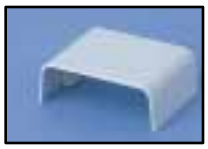
6 ft. Part Number	Std. Ctn. Qty.	8 ft. Part Number	Std. Ctn. Qty.	10 ft. Part Number	Std. Ctn. Qty.	Colors‡
Type PD3 Raceway Base and Cover						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
PD3IW6	120 ft.	**PD3IW8**	160 ft.	**PD3IW10**	200 ft.	Off White
Raceway Base and Cover packaged together. Raceway Base without adhesive backing. Cover Dimensions: .86 (21.8mm) x .37 (9.4mm)						
Type PD3 Raceway Base and Cover - Adhesive Backed						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
PD3IW6-A	120 ft.	**PD3IW8-A**	160 ft.	**PD3IW10-A**	200 ft.	Off White
Raceway Base and Cover packaged together. Raceway Base with pre-applied adhesive backing to speed installation.						
Type PD6 Raceway Base and Cover						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
PD6IW6	120 ft.	**PD6IW8**	160 ft.	**PD6IW10**	200 ft.	Off White
Raceway Base and Cover packaged together. Raceway Base without adhesive backing. Cover Dimensions: 1.33 (33.8mm) x .46 (11.6mm)						
Type PD6 Raceway Base and Cover - Adhesive Backed						
6 ft. lengths		**8 ft. lengths**		**10 ft. lengths**		
PD6IW6-A	120 ft.	**PD6IW8-A**	160 ft.	**PD6IW10-A**	200 ft.	Off White
Raceway Base and Cover packaged together. Raceway Base with pre-applied adhesive backing to speed installation.						

‡All parts listed in IW (Off White) color. To order Electrical Ivory substitute EI for IW in above part numbers. Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

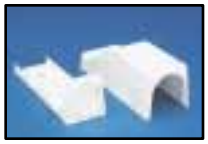
NOTE: Type PD Raceway Base requires screw mounting if it is being used for power cabling applications.

PAN-WAY Type PD Raceway Fittings

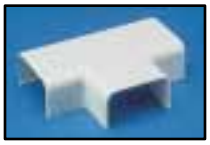

Coupler Fitting

Inside Corner Fitting

Right Angle Fitting


Entrance End Fitting
Breakout for 1/2" conduit

Outside Corner Fitting


Tee Fitting

Flexible Fittings

Flexible Fittings

End Cap Fitting

Wire Retainer
For use with PD6 Raceway

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PCF3IW-X	Type PD3 – Coupler Fitting	Off White	10 pcs.	100 pcs.
PCF6IW-X	Type PD6 – Coupler Fitting	Off White	10 pcs.	100 pcs.
PICF3IW-X	Type PD3 – Inside Corner Fitting	Off White	10 pcs..	100 pcs.
PICF6IW-X	Type PD6 – Inside Corner Fitting	Off White	10 pcs.	100 pcs.
PRAF3IW-X	Type PD3 – Right Angle Fitting	Off White	10 pcs.	100 pcs.
PRAF6IW-X	Type PD6 – Right Angle Fitting	Off White	10 pcs.	100 pcs.
PEEF36IW-X	Type PD3 and PD6 – Entrance End Fitting	Off White	10 pcs.	100 pcs.
POCF3IW-X	Type PD3 – Outside Corner Fitting	Off White	10 pcs.	100 pcs.
POCF6IW-X	Type PD6 – Outside Corner Fitting	Off White	10 pcs.	100 pcs.
PTF3IW-X	Type PD3 – Tee Fitting	Off White	10 pcs.	100 pcs.
PTF6IW-X	Type PD6 – Tee Fitting	Off White	10 pcs.	100 pcs.
PFF36EI18	Type PD3 and PD6 – Flexible Fitting for "Raceway to Raceway"	Elec. Ivory	1 pc.	10 pcs.
PFBC36EI18	Type PD3 and PD6 – Flexible Fitting for "Raceway to Conduit Junction Box"	Elec. Ivory	1 pc.	10 pcs.
PECF3IW-X	Type PD3 – End Cap Fitting	Off White	10 pcs.	100 pcs
PECF6IW-X	Type PD6 – End Cap Fitting	Off White	10 pcs.	100 pcs.
PWR6-X	PD6 Wire Retainer	Natural	10 pcs.	100 pcs.

‡All parts listed in Off White (IW) color. To order other colors substitute EI (Electric Ivory). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Raceway Adapters

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Raceway Adapters for PD Raceways				
BA3IW-X	Fits into LD10 breakout of most PAN-WAY Surface Mount Outlet Boxes. For use with Type PD3 raceway.	Off White	10 pcs.	100 pcs.
BA6IW-X	Fits into LD10 breakout of most PAN-WAY Surface Mount Outlet Boxes. For use with Type PD6 raceway.	Off White	10 pcs.	100 pcs.

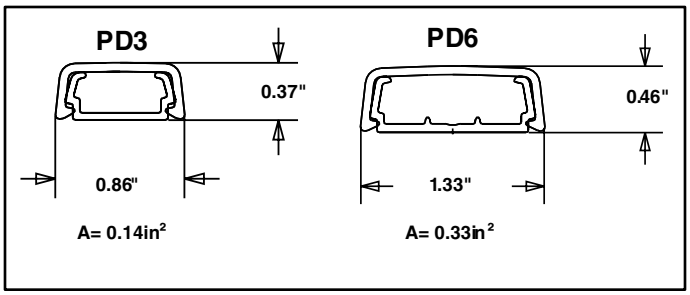
‡All parts listed in Off White (IW) color. To order other colors substitute EI (Electric Ivory). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

NOTE: See Selection Chart on *page 116* for detailed information on specific usage with raceways.

Quick Wire Fill Capacities for Type PD Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.



SPEC=40% wirefill—*the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill—*the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power=*maximum number of electrical cables based on UL temperature rise test data*

Raceway Channel Wirefill Configurations	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/u		2 Strand	
		THHN/T90			4 pr		CAT5 4pr					
		0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
PD3	.14	5	4	**	2	3	2	2	1	2	2	3
PD6	.33	10	7	5	5	7	4	5	3	4	5	8
PD6 with retainer	.21	10	7	5	3	4	2	3	0	0	3	5

** Not power configuration

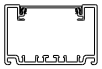
PAN-WAY™ TE-70 NON-METALLIC SURFACE RACEWAY

TE-70 Raceway

PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

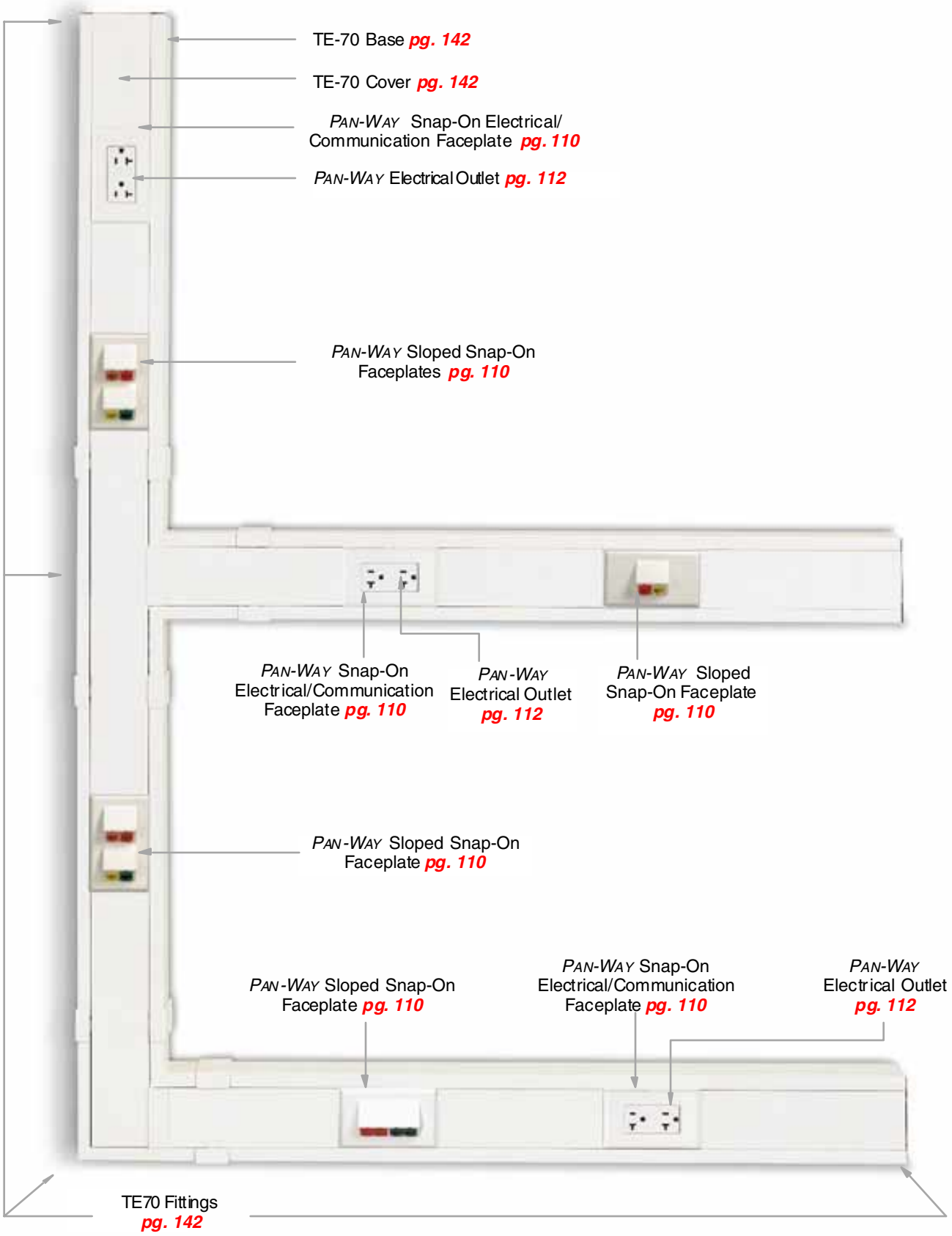
TE-70 multi-channel raceway provides solutions for routing low voltage, fiber optic, and/or power cabling along fixed perimeter walls. The TE-70 raceway system consists of raceway base and cover, fittings, and termination hardware. TE-70 raceway can mount NEMA standard screw-on faceplates or superior *PAN-WAY* Snap-On Faceplates directly to the channel.

TE-70 Raceway:



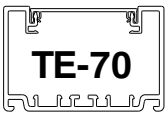
Multi-channel two-piece design for power, low voltage, and fiber optic applications. Large capacity channel. Extremely tamper resistant latch design excellent for school and university applications. Fittings available to transition to T130 or T170 raceways.

PAN-WAY™ Type TE-70 Surface Raceway— Roadmap



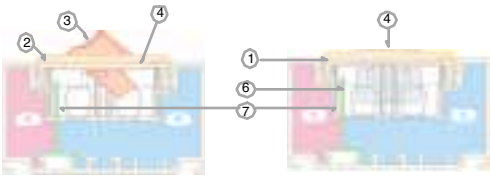
PAN-WAY TE-70 Raceway Configurations

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).

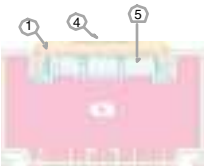


Base: pg. 142
Cover: pg. 142
Fittings: pg. 142

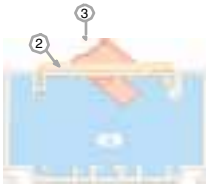
PAN-WAY Snap-On Faceplates



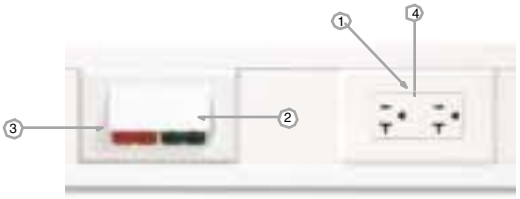
Data & Power



Power Only



Data Only

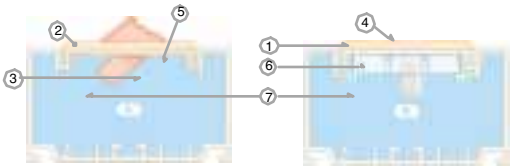


Areas (in²)	A	B
Data & Power	1.63	3.65
Data Only	—	8.27
Power Only	7.20	—

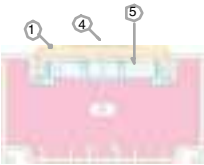
- Snap-On Faceplates provide a superior appearance
- Communication Faceplates shown accept *MINI-JACK*™, *MINI-COM* ®, or *OPTI-JACK* ® Connector Modules

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	Snap-On Electrical/Comm. Faceplate(s) (shown: T70PG)		X	X	110
2.	Panduit Sloped Snap-On Faceplate(s)	X		X	110
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	X	112
5.	Device Mounting Bracket (shown: T70DB-X)		X		143
6.	Hanging Box (shown: TE70HB)			X	143
7.	Divider Wall (shown: TE70DW)			X	142

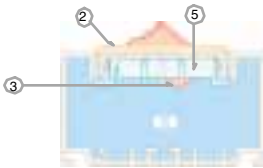
PAN-WAY Screw-On Faceplates (NEMA Standard)



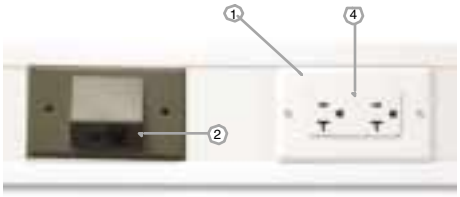
Data & Power



Power Only



Data Only



Areas (in²)	A	B
Data & Power	1.65	3.65
Data Only	—	7.12
Power Only	7.20	—

- U.S. Standard Screw-On Electrical Faceplate is used
- Communication Faceplates shown accept *MINI-JACK*, *MINI-COM*, or *OPTI-JACK* Connector Modules

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Comm. Faceplate(s) (shown: CPG)		X	X	42
2.	Panduit Sloped Screw-On Faceplate(s)	X		X	38
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	X	112
5.	Device Mounting Bracket (shown: T70DB-X)		X	X	143
6.	Hanging Box (shown: TE70HB)			X	143
7.	Divider Wall (shown: TE70DW)			X	142

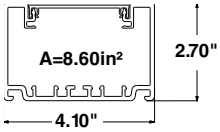
PAN-WAY™ Type TE-70 Surface Raceway Base & Cover

PAN-WAY Type TE-70 Surface Raceway is a large capacity, multi-channel system used to route, protect, and conceal data, voice, video and power cabling systems.

Type TE-70 System Benefits:

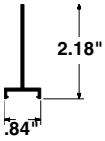
- Power rated to 600V(UL), 300V(CSA **meets UL5A standard** and CSA 22.2 No. 62-93 standards
- Tamper resistant
- Compatible with:
  - —PAN-WAY Snap-On Faceplates
  - —Any U.S. Standard Screw-On Electrical/Communication Faceplates

TE70B



TE70C

TE70DW



Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
Type TE-70 Raceway Base				
8 ft. lengths		**10 ft. lengths**		
TE70BIW8	32 ft.	**TE70BIW10**	40 ft.	Off White
TE-70 Raceway Base in 8 or 10 ft lengths supplied with pre-punched mounting holes.				
Type T-70 Raceway Cover				
T70CIW8	96 ft.	**T70CIW10**	120 ft.	Off White
TE-70 Raceway tamper resistant cover in 8 or 10 ft lengths.				
Type TE-70 Divider Wall				
TE70DW8	64 ft.	**TE70DW10**	80 ft.	Lt. Gray Only

‡Parts listed in (IW) Off White color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

Type TE-70 Raceway Fittings

TE70CFB

T70CC

TE70ICF

TE70TF

TE70TD

TE70OCB

TE70OCC

TE70RAF

TEC105

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
TE70CFBIW-X	Base Coupler Fitting (2 halves = 1 piece)	Off White	10 pcs.	100pcs.
T70CCIW-X	Cover Coupler Fitting	Off White	10 pcs	100pcs.
TE70ICFIW	Inside Corner Fitting	Off White	1 pc.	10 pcs.
TE70TFIW	Tee Fitting	Off White	1 pc.	10 pcs.
TE70TD	Raceway Divider Insert (power and data applications). Separates power and data cabling within tee fitting	Gray	1 pc.	10 pcs.
TE70OCBIW	Outside Corner Base Fitting	Off White	1 pc.	10 pcs.
TE70OCCIW	Outside Corner Cover Fitting	Off White	1 pc.	10 pcs.
TE70RAFIW	Right Angle Fitting	Off White	1 pc.	10 pcs.
TEC105IW	End Cap Fitting Concentric conduit breakouts: ¾", ½"	Off White	1 pc.	10 pcs.

‡All parts listed in (IW) Off White color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Type TE-70 Raceway Accessories

TMB105-X

T70DB-X

TE70HB

T70WR-X

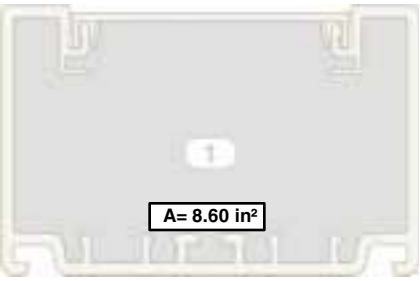
T70SDB-X

Part Number	Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
Mounting Bracket				
TMB105-X	Brackets are attached to wall. TE-70 raceway is then snapped onto brackets.	—	10 pcs.	100 pcs.
Device Mounting Bracket				
T70DB-X	Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates.	Gray	10 pcs.	100 pcs.
Hanging Box				
TE70HB	Used to mount NEMA standard single gang electrical outlets or devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway.	Gray	1 pc.	10 pcs.
Wire Retainer				
T70WR-X	Holds wires in place. Will not interfere with cover installation.	Gray	10 pcs.	100 pcs.
Standard Faceplate Bracket				
T70SDB-X	Used to mount NEMA standard single gang screw-on electrical/ communication faceplates (not for use with snap-on faceplates).	Gray	1 pc.	10 pcs.

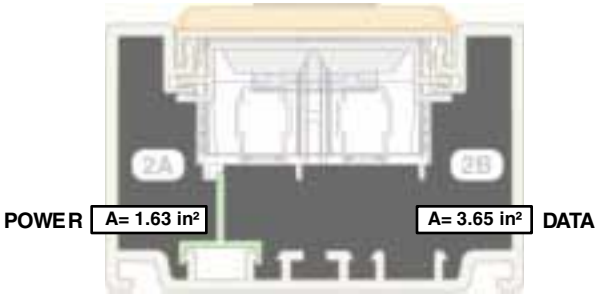
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Quick Wire Fill Capacities for TE-70 Raceway

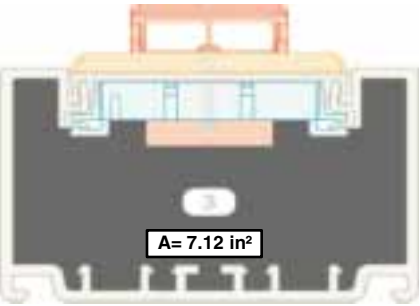
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.



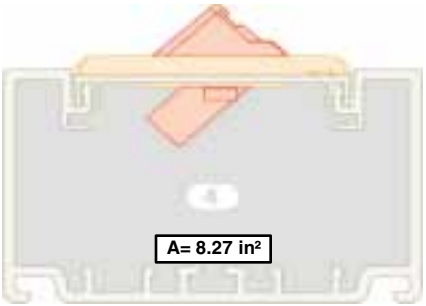
Wirefill #1: TE-70 Raceway with no devices



Wirefill #2: Power & Data using Hanging Box (Communication Faceplate and Modules not shown for clarity.)



Wirefill #3: Data Only using U.S. Standard Screw-On Electrical/Communication Faceplates



Wirefill #4: Data Only using Snap-On Communication Faceplates

SPEC=40% wirefill (data)—*the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill—*the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power= *maximum number of electrical cables based on UL temperature rise test*

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/U		2 Strand	
			THHN/T90			4 pr		CAT5 4pr					
			0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1.	TE-70: No devices	8.60	28	24	20	121	182	93	140	75	112	143	215
2a.	TE-70: Power and data using Hanging Box and Device Bracket	1.63	17	14	14	23	35	18	26	14	21	27	41
2b.		3.65	**	**	**	52	77	39	59	32	48	61	91
3.	TE-70: Data only using "Screw-On" Faceplate(s)	7.12	**	**	**	100	151	77	116	62	93	118	178
4.	TE-70: Data only using "Snap-On" Faceplate(s)	8.27	**	**	**	117	175	89	134	72	108	138	206

** Not power configuration

PAN-WAY™ TYPE T NON-METALLIC SURFACE RACEWAY

Type T Raceway

T130 Raceway

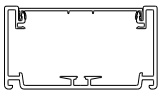
T170 Raceway

PANDUIT NETWORK CONNECTIVITY GROUP cable routing solutions.

T130 and T170 multi-channel raceways provide solutions for routing low voltage, fiber optic, and/or power cabling along fixed perimeter walls. T130 and T170 raceway systems consists of raceway base and cover, fittings, and termination hardware.

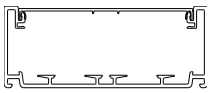
T130 and T170 raceways can mount NEMA standard screw-on faceplates or available pre-punched covers for use in place of standard faceplates in power and low voltage applications. T130 raceway also has available molded covers for use in power and low voltage applications.

T130 Raceway:



Multi-channel two-piece design for power, low voltage, and fiber optic applications. Large capacity channel. Extremely tamper resistant latch design excellent for school and university applications. Fitting available to transition to T170 raceway.

T170 Raceway:

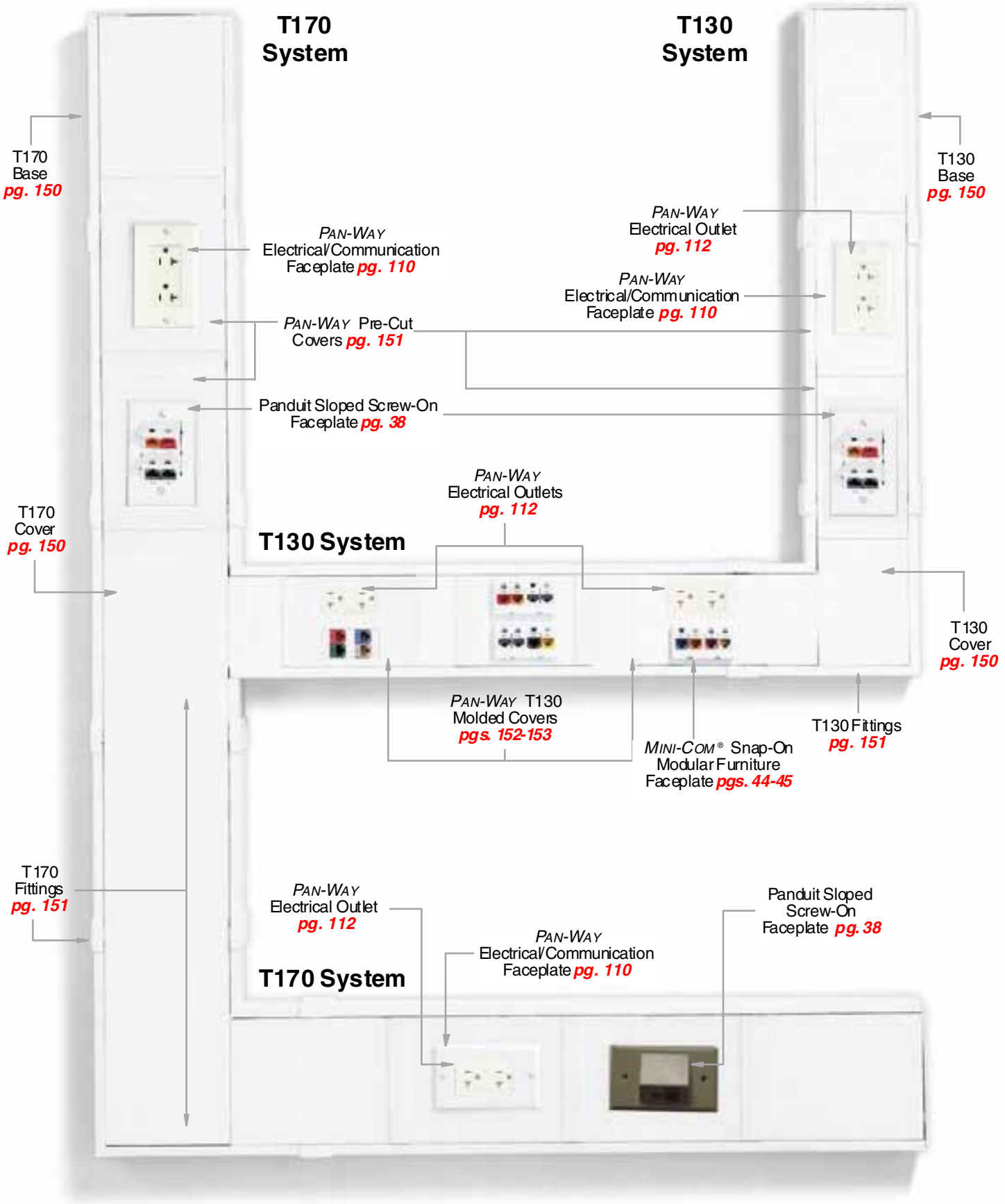


Multi-channel two-piece design for power, low voltage, and fiber optic applications. Largest capacity channel. Extremely tamper resistant latch design excellent for school and university applications. Fitting available to transition to T130 raceway.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-WAY™ Type T Raceway Roadmap

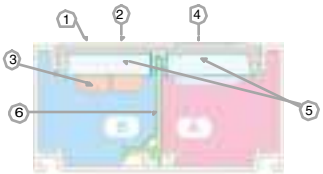


PAN-WAY Type T130 Raceway Configurations

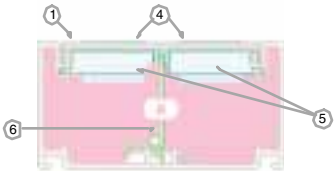
Application: Routing communication cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax, or any low voltage cable; power cables (up to 600V).

Base: pg. 150
Cover: pg. 150
Fittings: pg. 151

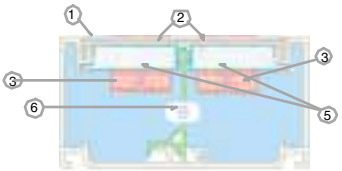
T130 Snap-On Electrical/Communications Faceplates



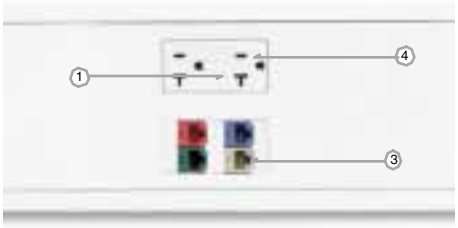
Data & Power



Power Only



Data Only



Data & Power Shown

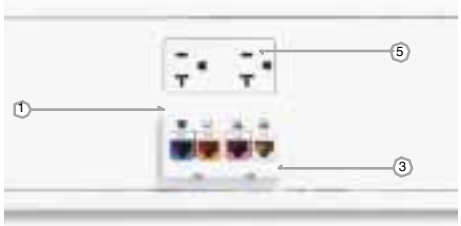
Areas (in²)	A	B
Data & Power	3.72	3.52
Data Only	—	6.82
Power Only	7.67	—

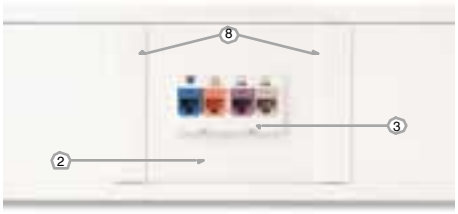
- Snap-On Faceplates provide a superior appearance (no screws required)
- Communication faceplates shown accept *MINI-JACK* ™, *MINI-COM* ®, and *OPTI-JACK* ® Connector Module

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	T130 Snap-On Electrical/Communication Faceplate(s) (shown: T130RMC2)	X	X	X	152
2.	Standard Communication Module Frame	X		X	41-42
3.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	X	112
5.	(2) Gangable Device Mounting Brackets (shown: T130DBD)	X	X	X	152
6.	Divider Wall (shown: TD688)	X	X	X	150

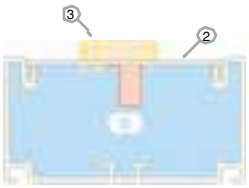
* Short section of Divider Wall required to support T130DBD.

T130 Snap-On Covers for Modular Furniture Faceplates





Data & Power



Data Only

Areas (in²)	A	B
Data & Power	4.00	4.55
Data Only	—	10.34

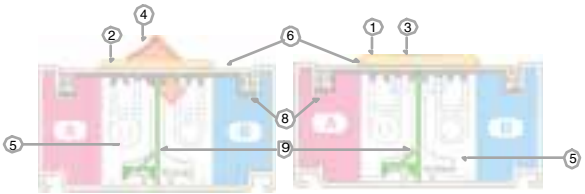
- Compatible with modular furniture faceplates with a cutout dimension 2.42" x 4.06"

	Components Required	Data Only		Data & Power	See Page
1.	T130 Snap-On Electrical/Communication Cover (for modular furniture faceplates) (shown: T130TRMC)			X	152
2.	T130 Punched Cover (shown: T130K1)	X			152
3.	Most manufacturers' modular furniture faceplates	X		X	—
4.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
5.	*PAN-WAY* Electrical Outlet (shown: ERU20)			X	112
6.	Hanging Device Bracket (shown: T130DB-X)			X	152
7.	Divider Wall (shown: TD688)			X	150
8.	Cover Couplers (shown: TCFC130)	X			151

PAN-WAY™ T130 Raceway Configurations (cont'd)

Application: Routing communication cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax, or any low voltage cable; power cables (up to 600V).

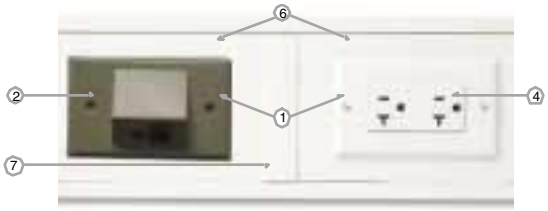
PAN-WAY U.S. Standard Screw-On Electrical/Communication Faceplates



Data & Power

Power Only

Data Only



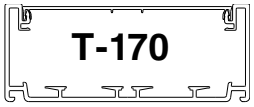
Areas (in²)	A	B
Data & Power	2.56	2.56
Data Only	—	2.56(x2)
Power Only	2.56(x2)	—

- U.S. standard screw-on faceplate is used
- Communication faceplates shown accept *MINI-JACK*™, *MINI-COM*®, and *OPTI-JACK*® Fiber-Optic Modules

	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Comm. Faceplate(s) (shown: CPG)		X	X	42
2.	Panduit Sloped Screw-On Faceplate(s)	X		X	38
3.	*PAN-WAY* Electrical Outlet (shown: ERU20)		X	X	112
4.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X		X	3, 10-11 13-14 24
5.	Type T Box (shown: TB5583)	X	X	X	151
6.	Pre-cut cover (shown: T130G)	X	X	X	151
7.	T130 cover coupler fitting (shown: TCFC130)	X	X	X	151
8.	Wire retainer (shown: TWR130)			X	150
9.	Divider Wall (shown: TD688)			X	150

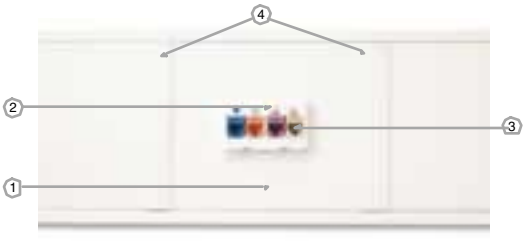
PAN-WAY Type T170 Raceway Configurations

Application: Routing communication cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax, or any low voltage cable; power cables (up to 600V).

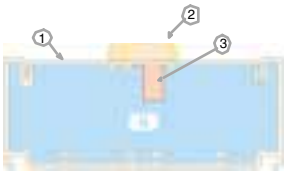


Base: pg. 150
Cover: pg. 150
Fittings: pg. 151

T170 Snap-On Covers for Modular Furniture Faceplates



Areas (in²)	A	B
Data Only	—	13.66

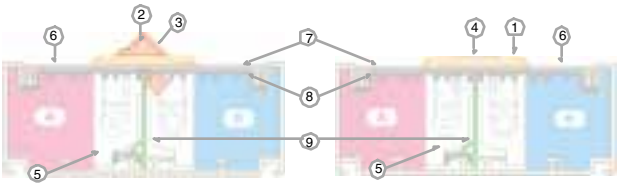


Data Only

- Compatible with modular furniture faceplates with a cutout dimension = 1.375" x 2.71"

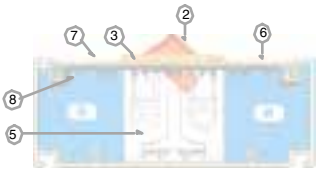
	Components Required	Data Only			See Page
1.	T170 Punched Cover (T170K1 shown)	X			152
2.	Most manufacturers' modular furniture faceplates	X			—
3.	MINI-JACK™ Modular Jacks MINI-COM® Modules OPTI-JACK® Fiber Optic Connector Modules	X			3,10-11 13-14 24
4.	Cover Couplers (TCFC170 shown)	X			151

Panduit Screw-On Faceplates (NEMA Standard)

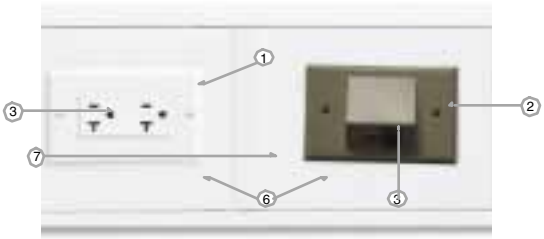


Data & Power

Power Only



Data Only



Areas (in²)	A	B
Data & Power	4.25	4.25
Data Only	—	4.25(x2)
Power Only	4.25(x2)	—

- U.S. Standard Screw-On Electrical/Communication faceplate is used
- Communication faceplates shown accept *MINI-JACK*, *MINI-COM*, and *OPTI-JACK* Connector Modules

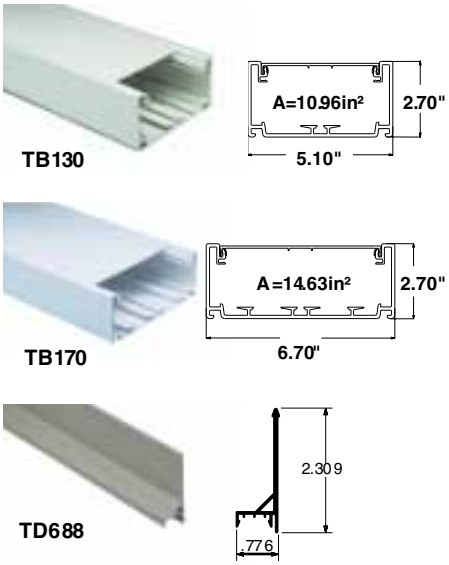
	Components Required	Data Only	Power Only	Data & Power	See Page
1.	U.S. Standard Screw-On Electrical/Comm. Faceplate(s) (shown: CPG)		X	X	42
2.	Panduit Sloped Screw-On Faceplate(s)	X		X	38
3.	MINI-JACK Modular Jacks MINI-COM Modules OPTI-JACK Fiber Optic Connector Modules	X		X	3,10-11 13-14 24
4.	PAN-WAY™ Electrical Outlet (shown:ERU20)		X	X	112
5.	Type T Box (shown:TB5583)	X	X	X	151
6.	Pre-cut cover (shown:T170G)	X	X	X	151
7.	T170 cover coupler fitting (shown:TCFC170)	X	X	X	151
8.	Wire retainer (shown:TWR170)	X	X	X	150
9.	Divider Wall (shown:TD388)			X	150

PAN-WAY™ Type T Surface Raceway

PAN-WAY Type T Surface Raceway is a large capacity, multi-channel system used to route, protect, and conceal data, voice, video and power cabling systems.

Type T System Benefits:

- Power rated to 600V(UL), 300V(CSA) **meet UL5A standard** and CSA 22.2 No. 62-93 standards
- Tamper resistance for School and University applications
- Modular divider wall keeps power and data cables separated



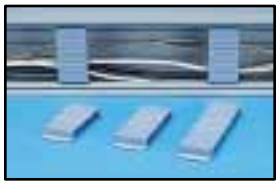
Part Number	Std. Ctn. Qty.	Part Number	Std. Ctn. Qty.	Colors‡
8 ft. lengths		**10 ft. lengths**		
Type T130 Raceway Base				
TB130IW8	32ft.	**TB130IW10**	40ft.	Off White
Type T130 Raceway Cover				
TC130IW8	64ft.	**TC130IW10**	80ft.	Off White
Type T170 Raceway Base				
TB170IW8	32ft.	**TB170IW10**	20ft.	Off White
Type T170 Raceway Cover				
TC170IW8	64ft.	**TC170IW10**	60ft.	Off White
Divider Wall				
TD688	64ft.	**TD6810**	80ft.	Gray ONLY

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of feet required, in multiples of Standard Length Increment.

Type T Raceway Accessories

TMB


TWR

Part Number	Description	Used with Raceway	Std. Pkg. Qty.	Std. Ctn. Qty.
Mounting Bracket				
TMB130-X	Brackets are attached to wall. Type T raceway is then snapped onto brackets. Can be used as required anywhere along the raceway.	T130	10 pcs.	100 pcs.
TMB170-X		T170	10 pcs.	100 pcs.
Wire Retainer				
TWR130-X	Holds wires in place. Will not interfere with cover installation. To add cables, simply remove cover and loosen one side of the retainer.	T130	10 pcs.	100 pcs.
TWR170-X		T170	10 pcs.	100 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Type T Raceway Fittings

TCFB (at right) TCFC (at left)

TIC

TOCB

TOCC

TRA

TT

TEC

NEW!

TR

TEE130

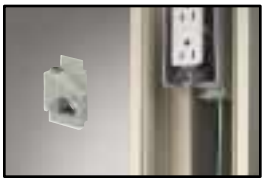
Part Number	Part Number	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T130	T170			
Base Couplers				
TCFB3070IW-X	**TCFB3070IW-X**	Off White	10 pcs.	100 pcs.
Cover Couplers				
TCFC130IW-X	**TCFC170IW-X**	Off White	10 pcs.	100 pcs.
Inside Corner Fitting				
TIC130IW	**TIC170IW**	Off White	1 pc.	10 pcs.
Outside Corner Fitting Base				
TOCB130IW	**TOCB170IW**	Off White	1 pc.	10 pcs.
Outside Corner Fitting Cover				
TOCC130IW	**TOCC170IW**	Off White	1 pc.	10 pcs.
Right Angle Fitting				
TRA130IW	**TRA170IW**	Off White	1 pc.	100 pcs.
Tee Fitting				
TT130IW	**TT170IW**	Off White	1 pc.	10 pcs.
End Cap Fitting				
TEC130IW	**TEC170IW**	Off White	1 pc.	10 pcs.
Reducer Fitting				
T170 to T130				
TR170X130IW		Off White	1 pc.	10 pcs.
Entrance End				
T130				
TEE130IW		Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

PAN-WAY Type T Box and Pre-Cut Cover

TB5583-V



TBSR-Q

Pre-Cut Cover for Type T Box & NEMA Faceplates
- Cover Length = 7.05" (179mm)
- Cutout Dimension = 2.42" x 4.06" (61.5 x 103mm)

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Type T Box			
TB5583-V	3.28" (83.5mm) mounting holes, 2.17" (55mm) deep. For mounting single gang NEMA standard electrical devices and faceplates. This box is used with U.S. electrical outlets.	5 pcs.	60 pcs.
Raceway Box Strain Relief			
TBSR-Q	Snaps onto TB5583-V Type T Box. Required to support cable connections in vertically mounted raceway applications.	25 pcs.	—

Part Number	Part Number	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T130	T170			
Pre-Cut Cover for Type T Box & NEMA Faceplates				
T130GIW	**T170GIW**	Off White	1 pc.	10 pcs.
Used with all standard NEMA faceplates. Use with 2 Cover Couplers.				

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

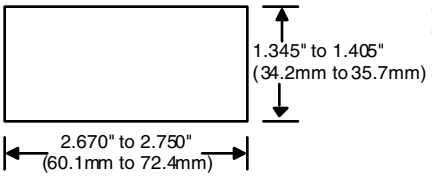
ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Length Increment.

Snap-On Faceplate Pre-Cut Covers (for Snap-On Modular Furniture Faceplates)

K1 K2

K3

Cutout Dimensions:



Maximum Panel Thickness: .090" (2.29mm)

Part Number	Part Number	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T130	T170			
Pre-Cut Cover for One Snap-On Modular Furniture Faceplate				
T130K1IW	**T170K1IW**	Off White	1 pc.	10 pcs.
Pre-Cut Cover for Two Snap-On Modular Furniture Faceplates				
T130K2IW	**T170K2IW**	Off White	1 pc.	10 pcs.
Pre-Cut Cover for Three Snap-On Modular Furniture Faceplates (For T170 Only)				
	T170K3IW	Off White	10 pc.	1 pcs.
Pre-cut cover for use with Snap-On Modular Furniture Faceplates. Use with two Cover Couplers shown on *page 147*.				

Cover Lengths = 4.92" (125mm)
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Length Increment.

T130 Hanging Device Bracket & Molded Covers (for T130 Size Raceway ONLY)

T130DB-X

T130DBD-X

NEW!

T130DMC

T130DMC2

T130RMC

T130RMC2

NOTE: Can also be used for Communication Module Frames

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Hanging Device Bracket				
T130DB-X	Used to quickly mount NEMA standard electrical receptacles (including GFCI) in T130 Raceway. Must be used with appropriate T130 Molded Cover.	Lt. Gray ONLY	10 pcs.	100 pcs.
"Gangable" Device Bracket				
T130DBD-X	Two (2) "Gangable" Device Brackets can be interlocked to mount multiple electrical and/or data devices in T130 base in multi-channel applications.	Lt. Gray ONLY	10 pcs.	100 pcs.
Duplex Electrical Device Molded Cover				
T130DMCIW	Covers NEMA standard 106 duplex electrical devices. Replaces faceplate and pre-cut raceway cover.	Off White	1 pc.	10 pcs.
Double Duplex Electrical Device Molded Cover				
T130DMC2IW	Covers 2 NEMA standard 106 duplex electrical devices. Replaces faceplate and pre-cut raceway cover.	Off White	1 pc.	10 pcs.
Rectangular Electrical Device Molded Cover				
T130RMCIW	Covers NEMA standard rectangular electrical devices. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 divider wall.	Off White	1 pc.	10 pcs.
Double Rectangular Electrical Device Molded Cover				
T130RMC2IW	Covers 2 NEMA standard rectangular electrical devices. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 divider wall.	Off White	1 pc.	10 pcs.

‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Length Increment.

T130 Hanging Device Bracket & Molded Covers (cont.) (for T130 Size Raceway ONLY)

T130LMC

T130TMC

T130TDMC

T130TRMC

Part Number	Description	Colors‡	Std. Pkg. Qty.	Std. Ctn. Qty.
Twist Lock Electrical Device Molded Cover				
T130LMCIW	Covers NEMA standard twist lock electrical devices. Replaces faceplate and pre-cut raceway cover.	Off White	1 pc.	10 pcs.
Communications Device Molded Cover				
T130TMCIW	Provides proper sized opening to accept Snap-On Modular Furniture Faceplates.	Off White	1 pcs.	10 pcs.
Communications and Duplex Electrical Device Molded Cover				
T130TDMCIW	Covers NEMA standard duplex electrical devices and provides proper sized opening to accept Snap-On Modular Furniture Faceplates.	Off White	1 pc.	10 pcs.
Communications and Rectangular Electrical Device Molded Cover				
T130TRMCIW	Covers NEMA standard rectangular electrical devices and provides proper sized opening to accept Snap-On Modular Furniture Faceplates.	Off White	1 pc.	10 pcs.

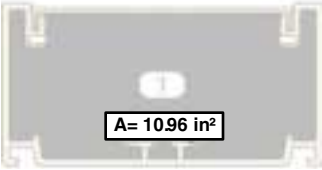
‡All parts listed in IW (Off White) color. To order other colors substitute EI (Electric Ivory), IG (International Gray), and WH (White). Contact factory for details.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Length Increment.

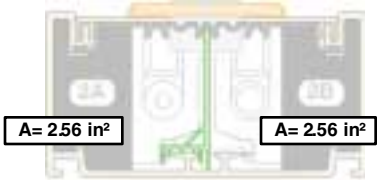
Quick Wire Fill Capacities for T Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.

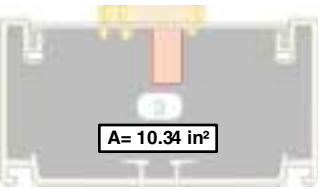
T130 Raceway



Wirefill #1: T130 Raceway with no devices



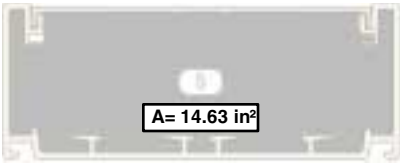
Wirefill #2: T130 Raceway—Power & Data using T Box & U.S. Standard Screw-On Electrical/Communication Faceplates



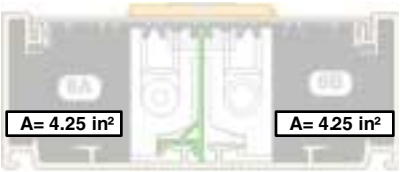
Wirefill #3: T130 Raceway—Data Only using Modular Furniture Faceplates

Wirefill #4: T130 Raceway—Power & Data using T130RMC2 Molded Cover

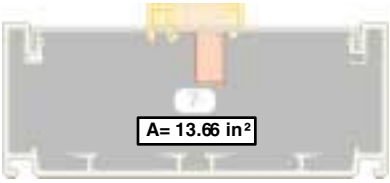
T170 Raceway



Wirefill #5: T170 Raceway with no devices



Wirefill #6: T170 Raceway—Power & Data using T Box & U.S. Standard Screw-On Electrical/Communication Faceplates



Wirefill #7: T170 Raceway—Data Only using Modular Furniture Faceplates

SPEC=40% wirefill*—the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill*—the maximum cable quantity based on cable interweaving and packing factors*

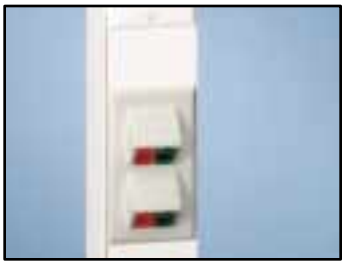
MAX for Power=*maximum number of electrical cables based on UL temperature rise test*

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/U		2 Strand	
			THHN/T90			4 pr		CAT5 4pr					
			0.105	0.122	0.153	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1.	T130: No devices	10.96	31	28	26	155	232	119	178	95	143	182	274
2a.	T130: Power and data using T-Box and U.S. Standard Faceplate	2.56	17	15	14	36	54	28	42	22	33	43	64
2b.		2.56	**	**	**	36	54	28	42	22	33	43	64
3.	T130: Data only using modular furniture faceplates	10.34	**	**	**	141	211	108	162	87	130	166	249
4a.	T130: Power and data using the T130TRMC2 Molded Cover	3.72	20	16	17	52	78	40	60	34	52	66	99
4b.		3.52	**	**	**	49	74	38	57	42	63	80	120
5.	T170: No devices	14.63	31	28	26	207	310	158	237	127	191	243	365
6a.	T170: Power and data using T-Box and U.S. Standard Faceplate	4.25	20	18	16	60	90	46	96	37	55	71	106
6b.		4.25	**	**	**	60	90	46	96	37	55	71	106
7.	T170: Data only using modular furniture faceplates	13.66	**	**	**	193	289	148	222	119	178	227	341

** Not power configuration

PAN-POLE™ ALUMINUM OUTLET POLE

Bend Radius Control Fitting protects cabling above the ceiling.



Accepts Superior PAN-WAY™ Snap-On Faceplates

The *PANDUIT NETWORK CONNECTIVITY GROUP* provides industry leading solutions for cable routing in open-office environments. *PAN-POLE* Aluminum Outlet Poles are available in versions for power and communications or communications only.

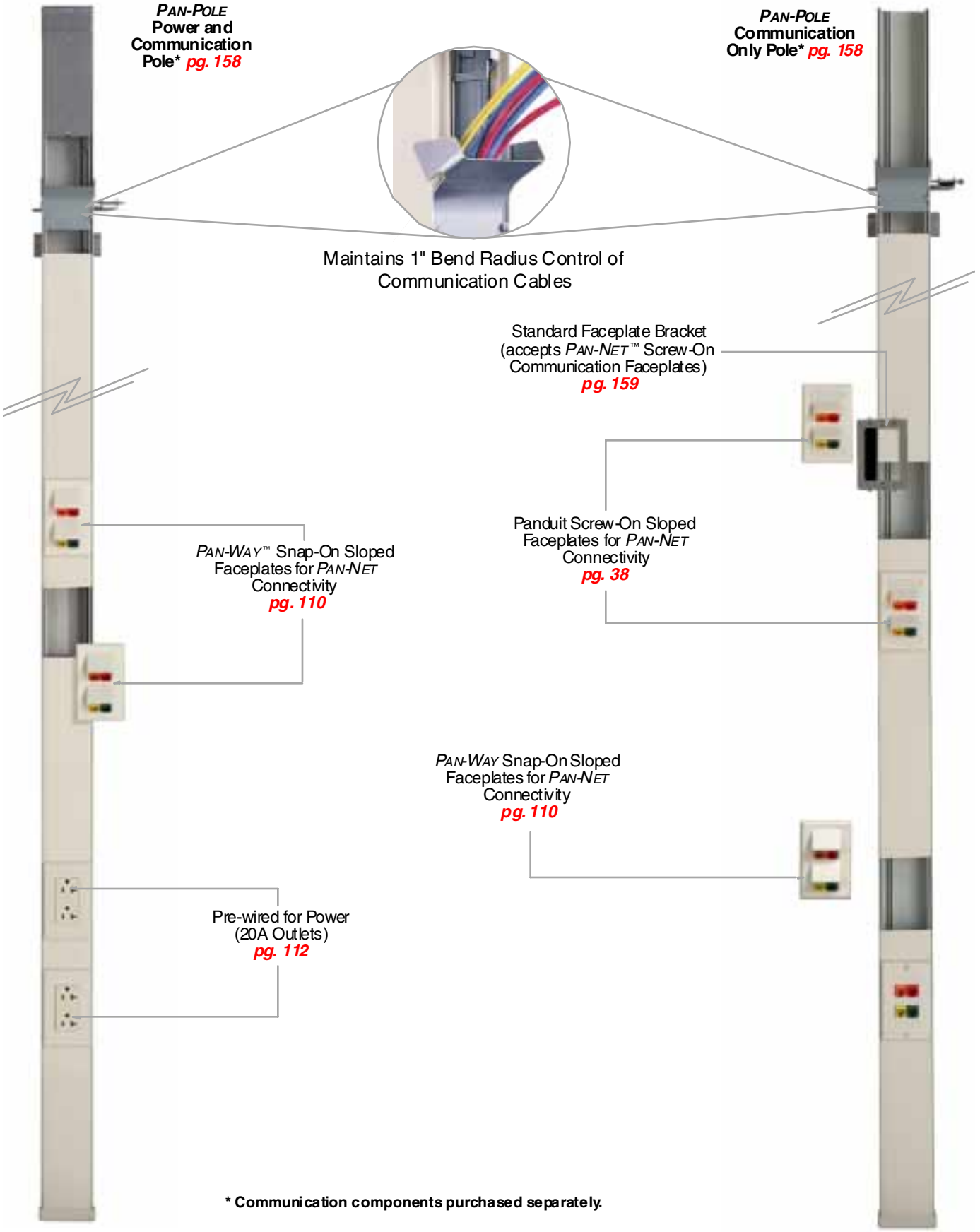
PAN-POLE Aluminum Outlet Poles features:

Dual channel aluminum construction provides complete separation of power and data eliminating the need for two separate poles. Exclusive bend radius control fitting (above the ceiling), maintains minimum 1" bend radius required under TIA/EIA 568-A and 569-A for high performance copper and fiber optic cabling systems. Tamper resistant plastic cover allows for customized placement of data outlets and is easy for the installer to cut and modify, reducing overall installation costs and installation costs associated with moves, adds and changes. Readily accept superior *PAN-WAY* Snap-On Faceplates. A new optional bracket allows NEMA standard screw-on communication faceplates to be mounted to the outlet pole.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 8287**

Sold exclusively by authorized Panduit distributors.

PAN-POLE™ Aluminum Outlet Pole—Roadmap



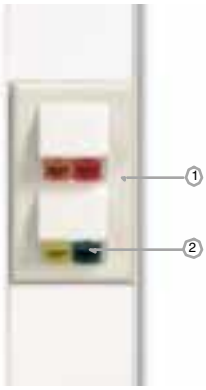
*** Communication components purchased separately.**

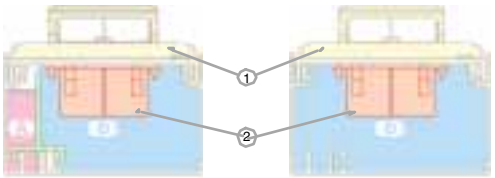
PAN-POLE™ Aluminum Outlet Pole Configurations

Application: Routing low voltage cables and/or power cabling: Fiber Optic, UTP, ScTP, Coax or any other low voltage cable; power cables (up to 600V).

Components: pg. 158
Accessories: pg. 159

PAN-WAY™ Snap-On Faceplates





Power & Communication Pole

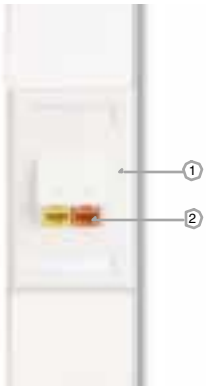
Communication Only Pole

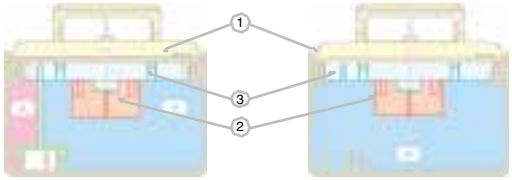
- Faceplate requires no device mounting bracket
- Communication Faceplates accept *MINI-JACK*™, *MINI-COM*®, or *OPTI-JACK*® Connector Modules

Areas (in²)	A	B
Data & Power	.47	2.75
Data Only	—	3.47

	Components Required	Power & Comm. Pole	Comm. Only Pole	See Page
1.	*PAN-WAY* Vertical Sloped Snap-On Faceplate (shown: T70FV4)	X	X	110
2.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	X	3,10-11 13-14 24

Panduit Screw-On Faceplates (NEMA Standard)





Power & Communication Pole

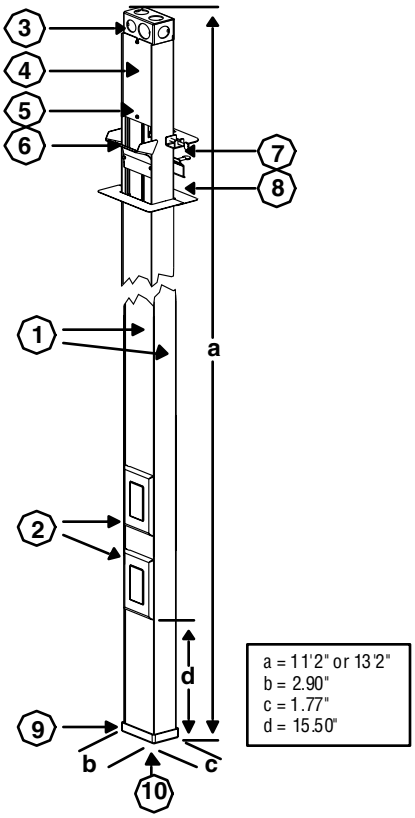
Communication Only Pole

- *PAN-NET*™ screw-on faceplate is used
- Communication Faceplates accept *MINI-JACK*, *MINI-COM*, or *OPTI-JACK* Connector Modules

Areas (in²)	A	B
Data & Power	.43	2.15
Data Only	—	2.83

	Components Required	Power & Comm. Pole	Comm. Only Pole	See Page
1.	Panduit Vertical Sloped "Screw-On" Faceplate (order CFPSL2)	X	X	38
2.	*MINI-JACK* Modular Jacks *MINI-COM* Modules *OPTI-JACK* Fiber Optic Connector Modules	X	X	3,10-11 13-14 24
3.	Device Mounting Bracket (shown: T70SDB-X)	X	X	159

PAN-POLE™ Aluminum Outlet Pole Components



PAN-POLE **Power and Communication Pole is a dual-channel aluminum pole for routing both power and communications cabling.**

Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Colors
11 ft. lengths		**13 ft. lengths**		
PAN-POLE **Power & Communications Pole**				
PCPA11R20IW	1	**PCPA13R20IW**	1	Off White
PCPA11R20EI	1	**PCPA13R20EI**	1	Elec. Ivory

PAN-POLE Pole Assembly is supplied in 11 and 13 foot lengths for maximum ceiling heights of 10 or 12 feet.

Standard furnished factory assembled pole configurations include the following:

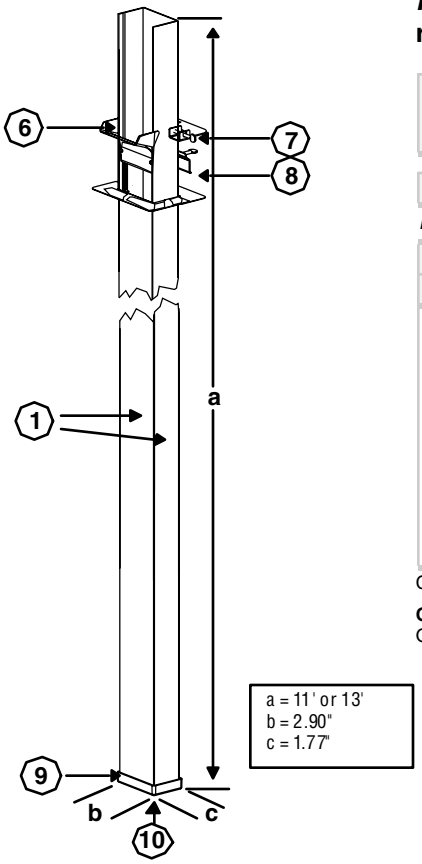
1. **Aluminum extruded base with blank plastic cover**
2. **Two (2) 20A factory wired rectangular outlets with wiring fed through power channel to base of power entry box**
3. **Power entry box with 1/2" and 3/4" conduit breakouts**
4. **8" removable plate for power wiring connections**
5. **Ground screw pre-mounted behind removable plate**

Standard furnished mounting hardware includes:

6. **Entry end bend radius fitting for communication cabling (two mounting screws included)**
7. **Ceiling T-bar bracket (two mounting screws included)**
8. **Two (2) ceiling tile trim plates**
9. **End cap with two pre-drilled holes**
10. **End cap floor grip pad**

Communication components sold separately

ORDERING INFORMATION:
Order number of *PAN-POLE* Aluminum Outlet Poles required.



PAN-POLE **Communication Only Pole is a single-channel aluminum pole for routing communication cabling.**

Part Number	Std. Pkg. Qty.	Part Number	Std. Pkg. Qty.	Colors
11 ft. lengths		**13 ft. lengths**		
PAN-POLE **Communication Only Pole**				
PCPA11IW	1	**PCPA13IW**	1	Off White
PCPA11EI	1	**PCPA13EI**	1	Elec. Ivory

PAN-POLE Pole Assembly is supplied in 11 and 13 foot lengths for maximum ceiling heights of 10 or 12 feet.

Standard furnished factory assembled pole configuration include the following:

1. **Aluminum extruded base with blank plastic cover**

Standard furnished mounting hardware includes:

6. **Entry end bend radius fitting for communication cabling (two mounting screws included)**
7. **Ceiling T-bar bracket (two mounting screws included)**
8. **Two (2) ceiling tile trim plates**
9. **End cap with two pre-drilled holes**
10. **End cap floor grip pad**

Communication components sold separately

ORDERING INFORMATION:
Order number of *PAN-POLE* Aluminum Outlet Poles required.

PAN-POLE™ Standard Faceplate Bracket (for Data)

T70SDB-X

Part Number	Description	Colors	Std. Pkg. Qty.	Std. Ctn. Qty.
Standard Faceplate Mounting Bracket (for Data)				
T70SDB-X	Used to mount NEMA standard single gang screw-on communication faceplates (not for use with snap-on faceplates).	Gray ONLY	1 pc.	10 pcs.

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Installing Standard Screw-On Communication faceplates into the Aluminum Outlet Pole

Remove cover from Power and Communication or Communication Only Pole.

Cut cover to desired size.

Snap-On standard faceplate bracket.

Terminate jacks and snap jacks into faceplate.

Install faceplate over bracket.

Finished product.

Installation of *PAN-NET*™ *MINI-COM*® Modules into the *PAN-POLE*™ Aluminum Outlet Pole

Installing Vertical Sloped Snap-On Communication Faceplates into the Aluminum Outlet Pole

Remove cover from Power and Communication or Communication Only Pole.

Cut cover to desired size.

Terminate jacks and snap into faceplate.

Snap faceplate onto channel.

Finished product. **Lowest installed cost!**

PAN-POLE Aluminum Outlet Pole Included Mounting Hardware

Ceiling T-Bar Bracket attaches *PAN-POLE* to drop ceiling T-bar (supplied with two thumb screws).

Entry End Bend Radius Control Fitting protects the integrity of communication cabling (supplied with two mounting screws).

Two Ceiling Tile Trim Plates provide an aesthetically pleasing appearance.

End Cap Fitting with pre-drilled screw holes provides sturdy base (screws not included).

End Cap Floor Grip Pad provides sturdy base for carpet mount application.

Quick Wire Fill Capacities for PAN-POLE™ Aluminum Outlet Pole

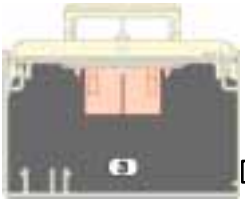
This information is to be used as a guide in selecting the proper size outlet pole. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.

PAN-POLE Power and Communication Pole

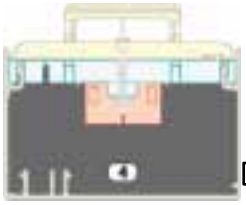
Wirefill #1: Data using Vertical Sloped Snap-On Communication Faceplate

Wirefill #2: Data using Sloped Screw-On Communication Faceplate

PAN-POLE Communication Only Pole



Wirefill #3: Data using Vertical Sloped Snap-On Communication Faceplate



Wirefill #4: Data using Sloped Screw-On Communication Faceplat

SPEC=40% wirefill*—the recommended design in cable capacity. Leaves room for future moves, adds and changes*

MAX for Data=60% wirefill*—the maximum cable quantity based on cable interweaving and packing factors*

MAX for Power= *maximum number of electrical cables based on UL temperature rise test data*

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables	Voice Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			12 AWG	24 AWG UTP/CM/CMR		24 AWG UTP/CM		RG59/u		2 Strand	
				4 pr		CAT 5 4pr					
			0.122	DIA.= 0.190		DIA.= 0.217		DIA.= 0.242		DIA.= 0.175	
			FILL	FILL		FILL		FILL		FILL	
			MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
1a.	Power & Communications using Snap-On Faceplates	.47	11	—	—	—	—	—	—	—	—
1b.		2.75	—	39	58	30	45	24	36	46	69
2a.	Power & Communications using Screw-On Faceplates	.43	11	—	—	—	—	—	—	—	—
2b.		2.15	—	30	46	23	35	19	28	36	54
3.	Communications Only using Snap-On Faceplates	3.47	—	49	74	38	57	30	45	58	87
4.	Communications Only using Snap-On Faceplates	2.83	—	40	60	31	46	25	37	48	72

PANDUIT®

NETWORK CONNECTIVITY GROUP

Proper administration of your cabling infrastructure is crucial to maintain network uptime. Depend upon the fully integrated scalable line of **network identification systems** from Panduit for easier moves, adds, changes and routine maintenance.

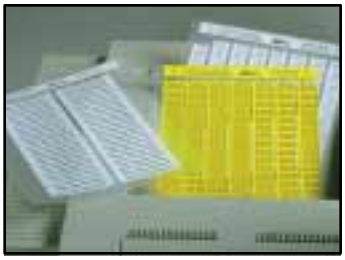
PAN-CODE™ Identification Products for Network Systems

Telecommunications Industry Association (TIA) long ago recognized the importance of properly identifying network systems. You can't fix what you can't find. You can't add, move or change channels that are out of order if you can't locate them. Therefore, the TIA-606 standard was born and the industry acknowledged the importance of a world-class, fully integrated scalable cable identification and labeling system. Our labeling system is designed to support TIA-606 compliant labeling.

For complete product and specification information see our website at: **www.panduit.com/ncg**
or call: **888-506-5400 EXT. 7337**
Sold exclusively by authorized Panduit distributors.

Label and Printer Combinations for a Variety of Applications

Step 1: Determine the type of printer you will be using



- Desktop Printer

Panduit offers computer printable labels for laser, ink jet, thermal transfer and dot-matrix desktop printers. Labels are designed to function in most desktop printers with your computer.

Laser and Ink Jet labels are supplied on 8.5" x 11" sheets. Thermal transfer labels are supplied on rolls and can be used with the Panduit PTR2E and PTR3 Thermal Transfer printers or similar printers. Dot-Matrix labels are supplied on pinfeed carriers.

For best results for all the above, use with *PAN-MARK* ™ for WINDOWS^ Labeling Software (see *page 167*).

For information on the Panduit PTR2E and PTR3 Thermal Transfer Printers, see *page 165*.

- *PAN-QUIK* ™ LS3E Hand-Held Printer

The fast, reliable way to print the majority of your communication labels on-site. This lightweight dot-matrix printer has a complete line of labels designed specifically for communication applications and TIA/EIA-606 compliance (see *page 166*).

Step 2: Select your labeling application below. Refer to the pages listed and review the label / printer options available.

Cables.....*pg. 168-170*

Patch Panels.....*pg. 171*
110 Punchdown.....*pg. 171-172*

Jacks.....*pg. 172*
Faceplates.....pg. *pg. 174-174*
Surface Mount Boxes *pg. 173-177*

^ WINDOWS is a registered trademark of Microsoft Corp.

For a complete catalog of labeling solutions, request the *PAN-CODE* ™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

Printers

PTR2E Thermal Transfer Printer

Create a variety of custom network labels

- *It's Quick!* — Custom capability allows labels to be produced in-house, when you need them, with this fast, portable, desktop printer
- Mark cables, patch panels, faceplates and more
- For medium to high volume labeling applications
- High quality 203 dpi thermal transfer print
- Works with most standard PC's and label printing software including *PAN-MARK* ™ for WINDOWS^ Labeling Software (see *page 167*)

Mechanical Information

Size:	6.8" H x 7.9" W x 9.8" L (173 mm H x 200 mm W x 249 mm L)
Weight:	4 lbs. (1.8 kg)
Print Speed:	Select constant speeds of 1", 1.5" or 2" (25, 38, or 51 mm) per second
Media:	Roll Width: 1.1" - 4.6" (28 mm - 118 mm) Max. Roll Diameter: 3.8" (96 mm) Core Diameter: 1.0" (25 mm) Use PTR2-RS Roll Stand for rolls with a core diameter > 1.0" (25 mm)
Resolution:	203 dpi (8 dots/mm)

Part Number	Description	Std. Pkg.
PTR2E	Thermal Transfer Printer (Includes printer, AC power cord and manual)	1
TTRW-BL	Black Wax Ribbon for printing Self-Laminating Labels 4.33" x 299' (110.0 mm x 85.3 m)	1
TTR-BL	Black Resin Ribbon for printing Polyester Labels 4.33" x 262' (110.0 mm x 79.8 m)	1
PTR2-RS	External Label Roll Stand *Used to rear feed labels that are not supplied on 1.00" (25.4 mm) cores*	1
PTR-CLN	Printer Cleaning Kit Contains 4 oz. (116 ml) bottle cleaning solution with MSDS, cleaning pen, 100 swabs, 12 alcohol wipes and instructions	1

ORDERING INFORMATION:
Order number of units required, in multiples of Standard Package Quantity.

PTR3 Thermal Transfer Printer

Fast, rugged printer for high volume applications

- High speed 32-bit RISC processor provides maximum performance at speeds up to 10 inches per second
- Mark cables, patch panels, faceplates and more
- For high volume labeling applications
- High quality 203 dpi thermal transfer print
- Compatible with *PAN-MARK* for WINDOWS^ Labeling Software (see *page 167*)

Mechanical Information

Size:	13.5" H x 10.4" W x 17.0" L (341 mm H x 265 mm W x 430 mm L)
Weight:	40 lbs. (18 kg)
Print Speed:	Up to 10" (254 mm) per second
Media:	Roll Width: 1.0" - 5.0" (25 mm - 125 mm) Max. Roll Diameter: 8.6" (220 mm) Core Diameter: 1.5" or 3.0" (38 mm or 76 mm)
Resolution:	203 dpi (8 dots/mm)

Part Number	Description	Std. Pkg.
PTR3	Thermal Transfer Printer (Includes printer, AC power cord and manual)	1
TTR4-BL-S	Black Wax Ribbon for printing Self-Laminating Labels 4.30" x 1181' (109.2 mm x 360.0 m)	1
TTR4W-BL-S	Black Resin Ribbon for printing Polyester Labels 4.30" x 1181' (109.2 mm x 360.0 m)	1
PTR-CLN	Printer Cleaning Kit Contains 4 oz. (116 ml) bottle cleaning solution with MSDS, cleaning pen, 100 swabs, 12 alcohol wipes and instructions	1

ORDERING INFORMATION:
Order number of units required, in multiples of Standard Package Quantity.

Printers

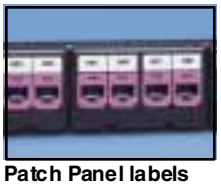
Conveniently print your own labels using Panduit LS3E Hand-Held Printer

Cable labels

Cable Bundle labels

Faceplate labels

Outlet Box labels


Patch Panel labels

Jack labels

PAN-QUIK ™ LS3E Hand-Held Dot-Matrix Printer

- Quickly and easily produce the labels needed to identify your network and comply with TIA/EIA-606
- Flexibility to print self-laminating cable labels, patch panel labels, heat shrink markers and more with one inexpensive, hand-held printer
- *QUIK-KEY* ™ Fast Label Formatting System provides one step label set-up
- 20 Kb File Storage Memory saves time when producing frequently used labels
- Automatic recall of last legend entered so there is no need to re-enter information after shut-off or recharging battery pack
- Automatic alpha and numeric serialization reduces setup time when producing a series of labels
- Special fonts designed to make patch panel labeling quick and easy
- Automatic legend repeat saves time when producing duplicate labels
- Fast drying self-laminating labels reduce installation time
- Rotated legends allow printing of continuous strips for marking terminal blocks, patch panels and more

Printer and Accessories

Part Number	Description	Std. Pkg.
LS3E	Includes Printer, Battery Pack, 120 VAC Battery Charger, Printer Ribbon, Wrist Strap, and Operator's Manual	1
LS3E-BP	Replacement Battery Pack	1
LS3EC-S	Replacement 120 VAC Battery Charger. Used only to charge LS3E battery. Cannot be used to power LS3E directly from Power Outlet.	1
LS3-RIB	Replacement Printer RIbbon	1
LS3E-MAN-A	Replacement Operator Manual	1
LS3EACS	1 each: Universal AC Adapter (LS3EA), Battery Charging Pack (LS3EC) and Power Cord Listed (CORD-S). Power LS3E directly from Power Outlet and charge LS3E Battery Pack at the same time	1
LS3EAK-S	1 each: Universal AC Adapter (LS3EA) and Power Cord Listed (CORD-S). Power LS3E directly from Power Outlet	1
LS3ECAP	1 each: Battery Charging Pack (LS3EC) and Auto Plug (LS3EAP). Power LS3E directly from Auto Cigarette Lighter and charge LS3E Battery Pack at the same time	1
LS3EAP	Replacement Auto Plug. Power LS3E directly from Auto Cigarette Lighter	1
LS3E-CP	Replacement Battery Charging Pack. Power LS3E directly from AC Power Source and charge LS3E Battery Pack at the same time (Must be used with Universal AC Adapter and Power Cord - not included)	1
LS3EA	Universal AC Adapter	1
CORD-S	Replacement Power Cord	1
LS3-CASE	Carrying Case	1
LS3-BS	Printer Belt Holster	1

ORDERING INFORMATION:
Order number of units required, in multiples of Standard Package Quantity.

Permanent Marking Pens

Part Number	Color	Description	Std. Pkg. Qty.
PFX-0	Black	For detailed marking on nylon surfaces. Color of cap and end is color of ink.	12
PFX-2	Red		12
PX-10	White	For marking black or other dark colored parts. Extra tip at end of pen also denotes color.	12
PX-0	Black	Color of pen is color of ink. Reversible tip to extend life of pen.	12
PX-2	Red		12

ORDERING INFORMATION:
Order number of pens required, in multiples of Standard Package Quantity.

- Fast drying permanent ink
- Can be used to mark write-on markers shown in this section
- May also be used with any label shown in this catalog when a printer is not available. Applications include labeling cables, patch panels, faceplates and jacks

For a complete catalog of labeling solutions, request the *PAN-CODE* ™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

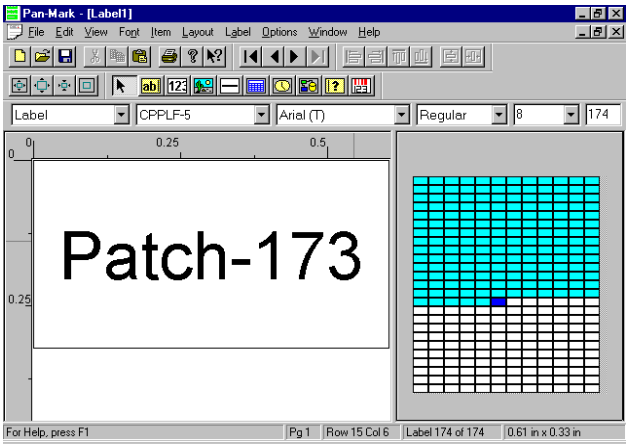
PAN-MARK™ for WINDOWS^ Labeling Software

- All labels in this catalog for desktop printers are computer printable
- Designed to create labels for all communications applications in accordance with TIA/EIA-606 Standards
- Ability to create spreadsheets and databases within the program for data import and information storage
- ODBC (Open Data-Base Connectivity) allows importing of information from electronic databases such as EXCEL^ and ACCESS^ directly onto the label formats
- Easy to enter different text on each label — simply type the text and press Page Down for the next label!
- Uses full range of WINDOWS fonts including TrueType* fonts
- Uses most WINDOWS printer drivers and can be used to drive most desktop printers including Panduit PTR2E and PTR3 Desktop Printers
- Use image library to add commonly used datacomm symbols to your labels, including these:

- Import Bitmap (.bmp) graphic images into a label — add your own company logo to labels!
- Numerous serialization options
- 21 Resident Bar Code Symbologies
- Includes all of the latest label formats for Panduit Thermal Transfer, Ink Jet, Laser and Dot-Matrix Labels
- Can be used with all Panduit computer printable labels shown in this catalog and also with other commercially available computer printable labels
- Easy to install

System Requirements

- WINDOWS 3.1, 3.11, 95, 98 or NT; 486 processor; minimum 8 Mb of RAM; 30 Mb hard drive space



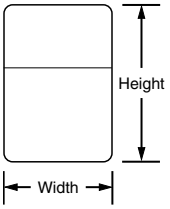
Part Number	Format	Std. Pkg.
PROG-WIN2	3.5" Disks	1
PROG-WIN2CD	CD-ROM	1

ORDERING INFORMATION:
Order software required, in multiples of Standard Package Quantity.
^ WINDOWS, EXCEL and ACCESS are registered trademarks of Microsoft Corp.
* TrueType is a registered trademark of Apple Computing, Inc.

Cable Labeling

Self-Laminating Self-Adhesive Labels

- White print-on area is highly legible
- Clear overlaminate protects legend
- Some sizes available with TIA recommended colors on the print-on area
- Adhesive designed to insure long term bonding
- Some parts available in self-extinguishing TEDLAR ▲ material for use in outdoor applications or where UL-94V0 flammability requirements must be met



Part Number	Material	Total Area Width x Height In. (mm)	Print-On Area Width x Height In. (mm)	Use with Cable			Std. Pkg. Qty.
				Cat 3 UTP	Cat 5 UTP	Non-Plenum Fiber Optic	
For Desktop Laser Printers							
PLL-11-Y3-2.5*	GMY3 Self-Laminating Polyester (Indoor/Outdoor)	1.00 x 1.00 (25.4 x 25.4)	1.00 x 0.34 (25.4 x 8.6)	2-4 pair	4 pair	—	2500
PLL-12-Y3-1*		1.00 x 1.33 (25.4 x 33.8)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	6 strand	1000
PLL-40-Y3-1		2.00 x 1.50 (50.8 x 38.1)	2.00 x 0.50 (50.8 x 12.7)	4 pair	4 pair	6-12 strand	1000
PLL-13-Y3-1		1.00 x 3.17 (25.4 x 80.5)	1.00 x 0.97 (25.4 x 24.6)	25-100 pair	25-50 pair	18-48 strand	1000
PLL-21-Y3-1		2.00 x 3.17 (50.8 x 80.5)	2.00 x 1.00 (50.8 x 25.4)	25-300 pair	25-100 pair	18-72 strand	1000
For Desktop Dot-Matrix Printers							
PDL-2*	GMV3 Self-Laminating Vinyl (Indoor)	1.00 x 1.44 (25.4 x 36.5)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	6-12 strand	5000
PDL-3		2.00 x 1.44 (50.8 x 36.5)	2.00 x 0.50 (50.8 x 12.7)				5000
PDL-4		1.00 x 2.44 (25.4 x 61.9)	1.00 x 0.75 (25.4 x 19.1)	25-50 pair	25 pair	6-18 strand	1000
PDL-5*		2.00 x 2.44 (50.8 x 61.9)	2.00 x 0.75 (50.8 x 19.1)				1000
PDL-54*	GMT1 Self-Laminating TEDLAR ▲ (Indoor/Outdoor)	1.00 x 1.38 (25.4 x 34.9)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	6-12 strand	5000
For Desktop Ink Jet Printers							
JSL5-Y3-2.5	GMY3 Self-Laminating Polyester (Indoor/Outdoor)	1.00 x 1.33 (25.4 x 33.8)	1.00 x 0.47 (25.4 x 11.9)	3-4 pair	4 pair	6 strand	2500
JSL7-Y3-1		2.00 x 1.50 (50.8 x 80.5)	2.00 x 0.50 (50.8 x 12.7)	4 pair	4 pair	6-12 strand	1000
JSL11-Y3-1		1.00 x 2.67 (25.4 x 67.8)	1.00 x 0.67 (25.4 x 16.9)	25-100 pair	25-50 pair	6-48 strand	1000
JSL6-Y3-1		1.00 x 3.17 (25.4 x 80.5)	1.00 x 0.97 (25.4 x 24.6)	25-100 pair	25-50 pair	18-48 strand	1000
JSL8-Y3-1		2.00 x 3.17 (50.8 x 80.5)	2.00 x 1.00 (50.8 x 25.4)	25-100 pair	25-50 pair	18-48 strand	1000
For Panduit® PTR2E Thermal Transfer Printer or comparable desktop printers (Labels supplied on 1" cores)							
TTSL-2*	GMV3 Self-Laminating Vinyl (Indoor)	1.00 x 1.50 (25.4 x 38.1)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	6-12 strand	2500
TTSL-3*		2.00 x 1.50 (50.8 x 38.1)	2.00 x 0.50 (50.8 x 12.7)				1000
TTSL-4*		1.00 x 2.44 (25.4 x 60.0)	1.00 x 1.00 (25.4 x 25.4)	25-50 pair	25 pair	—	1500
TTSL-5*		2.00 x 2.44 (50.8 x 62.0)	2.00 x 1.00 (50.8 x 25.4)				500
TTSL-54	GMT1 Self-Laminating TEDLAR ▲ (Indoor/Outdoor)	1.00 x 1.50 (25.4 x 38.1)	1.00 x 050 (25.4 x 12.7)	4 pair	4 pair	6-12 strand	2500
For Panduit PTR3 Thermal Transfer Printer or comparable desktop printers (Labels supplied on 3" cores)							
TTSL2VC3-5*	GMV3 Self-Laminating Vinyl (Indoor)	1.00 x 1.50 (25.4 x 38.1)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	6-12 strand	5000
TTSL3VC3-1		2.00 x 1.50 (50.8 x 38.1)	2.00 x 0.50 (50.8 x 12.7)				1000
TTSL4VC3-5		1.00 x 2.44 (25.4 x 60.0)	1.00 x 1.00 (25.4 x 25.4)	25-50 pair	25 pair	—	5000
TTSL5VC3-2.5		2.00 x 2.44 (50.8 x 62.0)	2.00 x 1.00 (50.8 x 25.4)				2500

ORDERING INFORMATION:
Order number of labels required, in multiples of Standard Package Quantity.
*Part numbers shown have white print-on areas. Other colors available. See *page 178* for ordering information.
▲TEDLAR is the registered trademark of E.I. DuPont Co.

Self-Laminating Self-Adhesive Labels

Part Number	Material	Total Area Width x Height In. (mm)	Print-On Area Width x Height In. (mm)	For Use with Cable			Labels Per Roll	Std. Pkg. Qty.
				Cat 3 UTP	Cat 5 UTP	Non-Plenum Fiber Optic		
For *PAN-QUIK*™ LS3E Hand-Held Printer								
LWS-2*	GMV3 Self-Laminating Vinyl (Indoor)	1.00 x 1.25 (25.4 x 31.7)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	—	250	1 Roll
LWS-3		1.50 x 1.25 (38.1 x 31.7)	1.50 x 0.50 (38.1 x 12.7)				250	1 Roll
LWS-10*		1.00 x 2.50 (25.4 x 63.5)	1.00 x 0.75 (25.4 x 19.0)	25-50 pair	25 pair	6-36 strand	100	1 Roll
LWS-11‡		1.50 x 2.50 (38.1 x 63.5)	1.50 x 0.75 (38.1 x 19.0)				100	1 Roll
LWS-13		1.50 x 4.00 (38.1 x 101.6)	1.50 x 1.00 (38.1 x 25.4)	25-100 pair	25-50 pair	18-72 strand	100	1 Roll
LWS-54	GMT1 Self-Laminating TEDLAR▲ (Indoor/Outdoor)	1.00 x 1.25 (25.4 x 31.7)	1.00 x 0.50 (25.4 x 12.7)	4 pair	4 pair	—	250	1 Roll

ORDERING INFORMATION:
Order number of rolls required, in multiples of Standard Package Quantity.
*Part numbers shown have white print-on areas. Other colors available. See *page 178* for ordering information.
‡ Also available with perforated overlaminate for use on flat surfaces. To order, use part number LWS-11P
▲TEDLAR is the registered trademark of E.I. DuPont Co.

Self-Laminating, Write-On Self-Adhesive Cable Label Books (PSCB) and Dispensers (PLD)

PSCB

PLD

- PSCB Labels are provided in book format
- PLD Labels are provided in handy dispenser
- Both formats protect labels when not in use
- Quick, easy to use for smaller installations and maintenance
- Can be marked with Panduit Permanent Marker Pens for permanent applications shown on *page 166* (sold separately)

Part Number	Material	Total Area Width x Height In. (mm)	Write-On Area Width x Height In. (mm)	For Use with Cable			Labels Per Book or Roll	Std. Pkg. Qty.
				Cat 3 UTP	Cat 5 UTP	Non-Plenum Fiber Optic		
Label Books								
PSCB-12	Vinyl	0.50 x 1.50 (12.7 x 38.1)	0.50 x 0.63 (12.7 x 15.9)	4 pair	4 pair	6-12 strand	180	1 Book
PSCB-3	Vinyl	1.00 x 3.00 (25.4 x 76.2)	1.00 x 0.75 (25.4 x 19.1)	25-100 pair	25-50 pair	6-72 strand	60	
PSCB-13	Vinyl	1.50 x 3.00 (38.1 x 76.2)	1.50 x 0.75 (38.1 x 19.1)				40	
Dispensers								
PLD-1	Vinyl	1.00 x 1.50 (25.4 x 38.1)	1.00 x 0.37 (25.4 x 9.4)	2-4 pair	4 pair	6-12 strand	200	1 Dispenser
PLD-2	Vinyl	1.00 x 3.00 (25.4 x 76.2)	1.00 x 0.75 (25.4 x 19.1)	25-100 pair	25-50 pair	6-72 strand	100	

ORDERING INFORMATION:
Order number of books or dispensers required, in multiples of Standard Package Quantity.

Self-Laminating Write-On Fiber Optic Cable Marker Rigid (Non-Adhesive) Tag

Part Number	Legend/ Background Color	Size Width x Height In. (mm)	Tags Per Pkg.	Std. Pkg. Qty.
PST-FO	Black/Yellow	3.50 x 2.00 (88.9 x 50.8)	5 Tags	1 Pkg.
PST-FOBLNK	Yellow (Blank)			

- Can be installed with Panduit 0.14" width Intermediate size cable ties shown on *page 75* or Panduit 0.33" and 0.50" width *TAK-TY*™ Hook and Loop Cable Ties shown on *page 73*

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Package Quantity.

For a complete catalog of labeling solutions, request the *PAN-CODE*™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

Preprinted Fiber Optic Cable Markers

Part Number	Legend	Part Number	Legend	Label Size Width x Height In. (mm)	Labels Per Card	Std. Pkg.
Self-Adhesive Vinyl Markers						
PCV-FOA	FIBER OPTIC	**PCV-FOCA**	FIBER OPTIC CABLE	9.00 x 2.25 (228.6 x 57.2)	1	5 Cards
PCV-FOB		**PCV-FOCB**		4.50 x 1.13 (114.3 x 28.6)	4	5 Cards
PCV-FOC		**PCV-FOCC**		2.25 x 0.50 (57.2 x 12.7)	18	5 Cards
Snap-On Markers*						
PCV-FOR	FIBER OPTIC	—	—	8.00 x 8.00 (203.2 x 203.2)	1	1 Marker
PCV-FOM		—		14.00 x 23.00 (355.6 x 584.2)	1	1 Marker

ORDERING INFORMATION:
Order number of cards or markers required, in multiples of Standard Package Quantity.
*Snap-on markers are non-adhesive pre-curled markers that curl around the cable to provide 360° identification

Self-Laminating Cable Marker Holders and Labels for Large Cables or Cable Bundles

- Quick and easy TIA/EIA-606 compliance for a wide range of cables and cable bundles
- - Print label with the Panduit *PAN-QUIK*™ LS3E Hand-Held Printer or any desktop printer
  - Insert in holder
  - Fold down integral overlaminate
  - Attach to cable bundle
- Durable, self-laminating tag material protects labels
- Can be applied as a wrap-around marker (parallel to cable) or flag marker (45° or 90° to cable)
- Attach with Panduit Intermediate or Standard Cross-Section Cable Ties (see *page 76*)
- Can also be used with Panduit 0.33" and 0.50" width *TAK-TY*™ Hook and Loop Cable Ties in the 90° flag application (see *page 73*)
- Available in white, yellow, orange, gray and brown for color coding and TIA/EIA-606 compliance

Marker Holders				
Part Number	Color	Size Width x Height In. (mm)	Marker Holders Per Pkg.	Std. Pkg. Qty.
SLCT-WH	White	3.00 x 1.31 (76.2 x 33.3)	25	1 Pkg.
SLCT-OR	Orange			
SLCT-YL	Yellow			
SLCT-IG	Gray			
SLCT-BR	Brown			

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Package Quantity.

Suggested Labels			
Part Number	Printer Used	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
For *PAN-QUIK* LS3E Hand-Held Printer — Self-Adhesive Labels			
L3PL3CL	LS3E	2.00 x 1.00 (50.8 x 25.4)	1 Roll (100 Labels)
For Desktop Printers — Self-Adhesive Labels			
PLL-17-Y2-1	Laser	1.88 x 0.83 (47.6 x 21.1)	1000 Labels
PDL-301	Dot-Matrix	2.00 x 0.90 (50.8 x 22.9)	1000 Labels
JL41PO-0.5	Ink Jet	2.00 x 0.90 (50.8 x 22.9)	500 Labels

ORDERING INFORMATION:
For LS3E Labels, order number of rolls required in multiples of Standard Package Quantity.
For Laser, Dot-Matrix and Ink Jet Labels, order number of labels required in multiples of Standard Package Quantity.

Patch Panel Labels

Universal Style Labels are designed to be used in 2, 4, and 6 port applications and can be used with:

- *MINI-COM* ® Snap-In Faceplate Patch Panels
- *MINI-COM* All Metal Modular Patch Panels
- *DATA-PATCH* 110 Style Pre-Configured Patch Panels

Snap-In Faceplate Style Labels are available in 4 port and 6 port formats and can be used with the label inserts and label covers provided with some of the patch panels. They can be used with:

LS3E

- *MINI-COM* Snap-In Faceplate Patch Panels
- *MINI-COM* All Metal Modular Patch Panels
- *MINI-COM* Modular Furniture Faceplates

110 Style Labels are designed to be used in 6 port applications and can be used with:

- *DATA-PATCH* 110 Style Pre-Configured Patch Panels

Part Number	Printer	For Use with Patch Panel Style	Material	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
For Desktop Printers — Self-Adhesive Labels					
CPPLF-5*	Laser and Dot-Matrix	Universal	GMPO Polyolefin	0.61 x 0.33 (15.5 x 8.4)	5000
JL43PO-1	Laser and Ink Jet	4 Port Snap-In Faceplate	GMPO5 Polyolefin	2.60 x 0.34 (66.0 x 8.7)	1000
JL44PO-1		6 Port Snap-In Faceplate	GMPO5 Polyolefin	3.70 x 0.34 (94.0 x 8.7)	1000
JLCPL-1	Ink Jet	Universal	GMPO Polyolefin	0.61 x 0.33 (15.5 x 8.4)	5000
TTC-CPL-.5	PTR2E † or PTR3 Thermal Transfer	Universal	GMY4 Polyester	0.61 x 0.33 (15.5 x 8.4)	500
TTC73Y-5*		4 Port Snap-In Faceplate	GMY4 Polyester	2.60 x 0.34 (66.0 x 8.7)	5000

ORDERING INFORMATION:
Order number of labels required, in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 178* for ordering information.
†Labels are provided on 3" cores and should be used with the PTR2-RS Roll Stand (see *page 165*) when printed on the PTR2E printer.

Part Number	Label Style	Material	Label Size Width x Height In. (mm)	Labels Per Roll	Std. Pkg. Qty.
For *PAN-QUIK* ™ LS3E Hand-Held Printer — Self-Adhesive Labels					
L3CPLFWH*	Universal	GMY Polyester	1.23 x 0.33 (31.1 x 8.5)	500	1 Roll
L3PP2WH*	110	GMY Polyester	3.68 x 0.25 (93.5 x 6.3)	100	1 Roll

ORDERING INFORMATION:
Order number of rolls required, in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 178* for ordering information.

See *pages 4-5, 20, 51-52* for patch panel information

110 Punchdown System Labels

- 9 standard colors available
- Write-On, Laser and Dot-Matrix printable styles to choose from

Part Number	Description	Std. Pkg. Qty.
Designation Label Holder		
P110LH	Snaps into standard and high density 110 bases. Accepts designation labels shown below.	6 pcs

ORDERING INFORMATION:
Order number of pieces required, in multiples of Standard Package Quantity.

Part Number	Punchdown Base Type	Pre-printed Line Format	Color	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
Write on Labels — Non-Adhesive Paper (Fit into label holders)					
DSL110*	Standard	For 3, 4 and 5 pair schemes	White	7.87 x 0.48 (199.9 x 12.2)	1 Pkg. (6 Pcs)
DSLGP*	High Density	For 6 pair schemes		7.87 x 0.97 (199.9 x 24.6)	
DSLGP9*	High Density	For 9 pair schemes			

ORDERING INFORMATION:
Order number of packages required, in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 178* for ordering information.

For a complete catalog of labeling solutions, request the *PAN-CODE* ™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

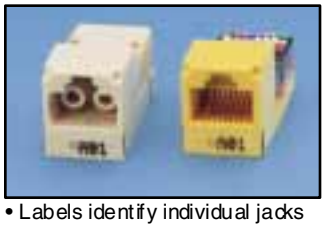
110 Punchdown System Labels (continued)

Part Number	Printer Type	Material	Color	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
For Desktop Printers — Non-Adhesive Labels (Fit into label holders)					
DS110*	Laser and Dot-Matrix	Non-Adhesive Paper	White	7.87 x 0.48 (199.9 x 12.2)	150
For Desktop Printers — Self-Adhesive Labels (Apply on top of label holders)					
PDL-403-1*	Dot-Matrix	GMY Polyester	White	7.50 x 0.50 (190.5 x 12.7)	1000
PLL-22-PO-1*	Laser	GMPO Polyolefin	White	7.88 x 0.50 (200.1 x 12.7)	1000
JL22PO-1	Ink Jet	GMPO5 Polyolefin	White	7.88 x 0.50 (200.1 x 12.7)	1000
TTC-DS110-.5	PTR2E† or PTR3 Thermal Transfer	GMY4 Polyester	White	7.88 x 0.50 (200.1 x 12.7)	500

ORDERING INFORMATION:
Order number of labels required, in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 178* for ordering information.
†Labels are provided on 3" cores and should be used with the PTR2-RS Roll Stand (see *page 165*) when printed on the PTR2E printer.

Port Identification Labels

MINI-JACK™ Modular Jack and *OPTI-JACK*® Fiber Optic Jack Wrap-Around Labels



- Labels identify individual jacks
- Wrap around design allows for quick and secure installation
- Labels attach directly to *MINI-JACK* and *OPTI-JACK* modules before installation

Part Number	Printer	Material	Color	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
For Desktop Printers — Self-Adhesive Labels					
PDL-412	Dot-Matrix	GMY Polyester	White	1.38 x 0.19 (34.9 x 4.8)	1000
PDL-411-1*			Clear	1.38 x 0.19 (34.9 x 4.8)	1000
PLL-46-Y2-1	Laser	GMY2 Polyester	White	1.38 x 0.19 (34.9 x 4.8)	1000
PLL-46-Y3C-1		GMY3 Polyester	Clear	1.38 x 0.19 (34.9 x 4.8)	1000
TTC-MJWH-5	PTR2E† or PTR3 Thermal Transfer	GMY4 Polyester	White	1.38 x 0.19 (34.9 x 4.8)	5000
TTC-MJ-5			Clear		5000

ORDERING INFORMATION:
Order number of labels required in multiples of Standard Package Quantity.
*Part number shown is clear. Other colors available. See *page 178* for ordering information.
†Labels are provided on 3" cores and should be used with the PTR2-RS Roll Stand (see *page 165*) when printed on the PTR2E printer.

LS3E

Part Number	Material	Color	Label Size Width x Height In. (mm)	Labels Per Roll	Std. Pkg. Qty.
For *PAN-QUIK*™ LS3E Hand-Held Printer — Self-Adhesive Labels					
L3PJ1WH	GMY Polyester	White	1.38 x 0.19 (34.9 x 4.8)	500	1 Roll
L3PJ1CL		Clear	1.38 x 0.19 (34.9 x 4.8)	500	1 Roll

ORDERING INFORMATION:
Order number of rolls required, in multiples of Standard Package Quantity.

Part Number	Legend	No. of Markers Each Legend Per Book	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
Preprinted— Self-Adhesive Labels				
PJIBM-COM	VOICE, DATA, FAX	248 VOICE/ 248 DATA/ 124 FAX	1.38 x 0.19 (34.9 x 4.8)	1 Book (10 pages)
PJIBM-V	VOICE	620		
PJIBM-D	DATA	620		
PJIBM-LAN	LAN	620		
PJIBM-COMS	☎ 💻 🖨	248 Voice Symbol/ 248 Data Symbol/ 124 Fax Symbol		
PJIBM-VS	☎	620		
PJIBM-DS	💻	620		

ORDERING INFORMATION:
Order number of books required in multiples of Standard Package Quantity.

Surface Mount Box Port Identification Labels

- Provide easy, professional labeling of surface mount boxes
- Identify individual port positions
- Labels can be used with *MINI-COM* ® Surface Mount Boxes (see *pages 46-47*)

Part Number	Printer	Material	Color	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
For Desktop Printers — Self-Adhesive Labels					
PLL-23-Y2-1 **PLL-23-Y2-5** **PLL-23-Y3-1** **PLL-23-Y3-5**	Laser	GMY2 Polyester	White White Clear Clear	0.56 x 0.56 (14.3 x 14.3)	1000 5000 1000 5000
PDL-401-D **PDL-406-D**	Dot-Matrix	GMY Polyester	Clear White	0.56 x 0.56 (14.3 x 14.3)	500

ORDERING INFORMATION:
Order number of labels required, in multiples of Standard Package Quantity.

Part Number	Material	Color	Label Size Width x Height In. (mm)	Labels Per Roll	Std. Pkg. Qty.
For *PAN-QUIK* ™ LS3E Hand-Held Printer — Self-Adhesive Labels					
L3CBXWH **L3CBXCL**	GMY Polyester	White Clear	0.50 x 0.50 (12.7 x 12.7)	500	1 Roll

ORDERING INFORMATION:
Order number of rolls required, in multiples of Standard Package Quantity.

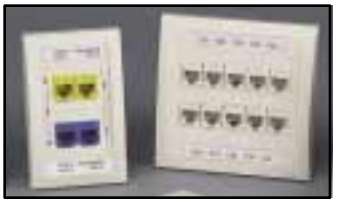
- Markers have bold preprinted black legend on clear background
- Write-on area for marking of extension number, etc.
- Use Panduit Permanent Marking Pens for permanent labeling applications (see *page 166*)
- Labels can be used with *MINI-COM* Surface Mount Boxes (see *pages 46-47*)

Part Number	Legend	No. of Markers Each Legend Per Book	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
Preprinted and Write-On Marker Books — Self-Adhesive Labels				
PSCB-COM	VOICE, DATA, FAX	200 VOICE/ 200 DATA/ 100 FAX	0.56 x 0.56 (14.3 x 14.3)	1 Book (10 Pages)
PSCB-V	VOICE	500		
PSCB-DEC	DATA	500		
PSCB-LAN	LAN	500		
PSCB-BLNK	(blank)	500		
PSCB-COMS	☎	200 Voice Symbol/ 200 Data Symbol/ 100 Fax Symbol		
PSCB-VS	☎	500		
PSCB-DS		500		

ORDERING INFORMATION:
Order number of books required, in multiples of Standard Package Quantity.

For a complete catalog of labeling solutions, request the *PAN-CODE*™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

Outlet Identification Labels



- Provide easy, professional labeling of faceplates and surface mount boxes
- Designs for single gang, double gang, and modular furniture faceplates
- See *pages 175-177* to quickly determine the best label for your Panduit faceplate or surface mount box

For Desktop Printers

Part Number	Printer	Material	Label Size Width x Height In. (mm)	Std. Pkg. Qty.
Self-Adhesive Labels				
JLEFPS-1	Laser and Ink Jet	GMPO5 Polyolefin	1.80 x 0.38 (45.7 x 9.5)	1000
JLEFPD-1			2.90 x 0.30 (73.7 x 7.6)	1000
JL43PO-1			2.60 x 0.34 (66.0 x 8.7)	1000
TTC-EFPL-1	PTR2E† or PTR3 Thermal Transfer	GMY4 Polyester	1.80 x 0.38 (45.7 x 9.5)	1000
TTC-EFPL10-1			2.90 x 0.30 (73.7 x 7.6)	1000
TTC73Y-5*			2.60 x 0.34 (66.0 x 8.7)	1000
EFPL-1 *	Dot-Matrix	GMPO Polyolefin	1.80 x 0.38 (45.7 x 9.5)	1000
EFPL10-1			2.90 x 0.30 (73.7 x 7.6)	1000
Non-Adhesive Labels (for use on faceplates with label covers, see instructions below)				
EFPT-1	Laser and Dot-Matrix	Semi-Rigid Paper	1.80 x 0.38 (45.7 x 9.5)	1000
EFPT10-1			2.90 x 0.38 (73.7 x 9.5)	1000

ORDERING INFORMATION:
Order number of labels required in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 174* for ordering information.

For *PAN-QUIK* ™ LS3E Hand-Held Printer

Part Number	Material	Color	Label Size Width x Height In. (mm)	Labels Per Roll	Std. Pkg. Qty.
Self-Adhesive Labels					
L3EFPL2WH	GMY Polyester	White	1.50 x 0.38 (38.1 x 9.5)	500	1 Roll
L3EFPL1WH		White	2.90 x 0.38 (73.7 x 9.5)	100	
L3CPLFWH*		White	1.23 x 0.33 (31.1 x 8.5)	500	
Non-Adhesive Labels (for use on faceplates with label covers, see instructions below)					
L3EFPN2WH	GMV9 Semi-Rigid Vinyl	White	1.95 x 0.40 (49.5 x 10.2)	100	1 Roll
L3EFPN1WH		White	3.00 x 0.33 (76.2 x 8.5)	100	

ORDERING INFORMATION:
Order number of rolls required, in multiples of Standard Package Quantity.
*Part numbers shown are white. Other colors available. See *page 174* for ordering information.

- Refer to the tables on *pages 175-177* to quickly determine the best label for your Panduit faceplate or surface mount box.

Label Installation Instructions for Faceplates with Label Insert and Label Cover Included

Self-Adhesive Label Installation

Remove printed self-adhesive label from liner.

Apply self-adhesive label to non-adhesive insert provided with faceplate.

Install labeled insert into faceplate and cover with clear label cover provided with faceplate.

Non-Adhesive Label Installation

Separate printed non-adhesive label from other labels on sheet.

Install non-adhesive label into faceplate.

Cover with clear label cover provided with faceplate.

For *MINI-COM* ® Classic Series Faceplates

(Refer to *pages 38-43* for faceplate information)

CFPL2
CFPL3
CFPL4†
CFPL6

CFPSL2†

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH
Non-Adhesive	EFPT-1	—	—	EFPT-1	L3EFPN2WH

Used with label insert and label cover provided with faceplates.

CFPH4†

CFPHSL4†

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JL43PO-1	JL43PO-1	TTC73Y-5	—	L3CPLFWH

CFP1
CFP2
CFP4†
CP106
CPG

CB
CFPS4†

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

CFPHS2†
CFPH2

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

CB**-2G
CFPF12†
CPG**-2G

CP106**-2G
FP2DC†
FP2RC

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

† Indicates part number shown in photo. Other part numbers listed below photo are similar in design.
‡ See *page 174* for label specifications and installation instructions

For a complete catalog of labeling solutions, request the *PAN-CODE*™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

Outlet Identification Labels (continued)

For *MINI-COM*® Executive Series Faceplates

(Refer to *pages 38-43* for faceplate information)

CFPE1
CFPE2
CFPE4†
CFPE6

CBE
CFPSE4†

Label Type‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH
Non-Adhesive	EFPT-1	—	—	EFPT-1	L3EFPN2WH

Used with label insert and label cover provided with faceplates.

CBE**-2G
CFPE10**-2G†

Label Type‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPD-1	JLEFPD-1	TTC-EFPL10-1	EFPL10-1	L3EFPL1WH
Non-Adhesive	EFPT10-1	—	—	EFPT10-1	L3EFPN1WH

Used with label insert and label cover provided with faceplates.

For *PAN-WAY*™ Classic Series Snap-On Faceplates

(Refer to *pages 110-111* for faceplate information)

T70B1
T70B2
T70FV2†
T70PGS
T70PS

T70BH1
T70BH2
T70P
T70PG†

Label Type‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

T70FH4†

Label Type‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JL43PO-1	JL43PO-1	TTC73Y-5	—	L3CPLFWH

For Stainless Steel Faceplates

(Refer to *page 43* for faceplate information)

CFP2S
CFP4S†
CFP6S
WPS-20

CFP4S-2G†
WPS-202

Label Type‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

† Indicates part number shown in photo. Other part numbers listed below photo are similar in design.
‡ See *page 174* for label specifications and installation instructions

For *MINI-COM*® Snap-On Modular Furniture Faceplates

(Refer to *page 44-45* faceplate information)

CFFPL4†
CFFPEBSL4

CFFP4†
CFFPHM4
CFFPSL4BL

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JL43PO-1	JL43PO-1	TTC73Y-5	—	L3CPLFWH

Used with label insert and label cover provided with CFFPL4 and CFFPEBSL4 faceplates. For other faceplates, labels are applied directly to faceplate.

For *MINI-COM* Surface Mount Boxes

(Refer to *pages 46-47* for surface mount box information)

CBX2
CBXC4
CBXJ2†

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH

CBX4†
CBX12
CBXD6
CBXF6
CBXF12

Label Type ‡	Printer Type				
	Laser	Ink Jet	Thermal Transfer	Dot-Matrix	LS3E
Self-Adhesive	JLEFPS-1	JLEFPS-1	TTC-EFPL-1	EFPL-1	L3EFPL2WH
Non-Adhesive	EFPT-1	—	—	EFPT-1	L3EFPN2WH

Used with label insert and label cover provided with faceplates.

† Indicates part number shown in photo. Other part numbers listed below photo are similar in design.
‡ See *page 174* for label specifications and installation instructions

For a complete catalog of labeling solutions, request the *PAN-CODE*™ Identification and Labeling Solutions Catalog (SA101N315B-ID).

Color Selection Guide

White Label Part Number	TIA Specified Color Part Numbers							
	Blue	Brown	Gray	Green	Orange	Purple	Red	Yellow
CPPLF-5	CPPLF-5BU	—	CPPLF-5IG	CPPLF-5GR	CPPLF-5OR	CPPLF-5VL	CPPLF-5RD	CPPLF-5YL
DS110	DS110-BU	DS110-BR	DS110-IG	DS110-GR	DS110-OR	DS110-VL	DS110-RD	DS110-YL
DSL110	DSL110BU	DSL110BR	DSL110IG	DSL110GR	DSL110OR	DSL110VL	DSL110RD	DSL110YL
EFPL-1	EFPL-BU-1	—	EFPL-IG-1	—	—	—	EFPL-RD-1	EFPL-YL-1
L3CPLFWH	L3CPLFBU	L3CPLFBR	L3CPLFIG	L3CPLFGR	L3CPLFOR	L3CPLFPR	L3CPLFRD	L3CPLFYL
L3PP2WH	L3PP2BU	L3PP2BR	L3PP2IG	L3PP2GR	L3PP2OR	L3PP2PR	L3PP2RD	L3PP2YL
LWS-2	LWS-2BU	LWS-2BR	LWS-2IG	LWS-2GR	LWS-2OR	LWS-2PR	LWS-2RD	LWS-2YL
LWS-10	LWS-10BU	—	—	—	—	—	LWS-10RD	—
PDL-2*	PDL-2B	PDL-2BR	PDL-2GR	PDL-2G	PDL-2OR	PDL-2PR	PDL-2R	PDL-2Y
PDL-5*	PDL-5B	—	—	—	—	—	PDL-5R	PDL-5Y
PDL-54*	PDL-54B	PDL-54BR	—	PDL-54G	PDL-54OR	PDL-54PR	PDL-54R	PDL-54Y
PDL-403-1	PDL-403-1B	—	—	—	—	—	PDL-403-1R	—
PDL-411-1	PDL-411-1BU	—	—	PDL-411-1GR	PDL-411-1OR	—	PDL-411-1RD	PDL-411-1YL
PLL-11-Y3-2.5	PLL-11-Y3B-2.5	—	—	PLL-11-Y3G-2.5	PLL-11-Y3OR-2.5	PLL-11-Y3PR-2.5	PLL-11-Y3RD-2.5	PLL-11-Y3Y-2.5
PLL-12-Y3-1	PLL-12-Y3B-1	PLL-12-Y3BR-1	PLL-12-Y3IG-1	PLL-12-Y3G-1	PLL-12-Y3OR-1	PLL-12-Y3PR-1	PLL-12-Y3RD-1	PLL-12-Y3Y-1
PLL-22-PO-1	PLL-22-PO-1B	—	PLL-22-PO-1GR	PLL-22-PO-1G	PLL-22-PO-1OR	PLL-22-PO-1PR	PLL-22-PO-1R	PLL-22-PO-1Y
TTC73Y-5	TTC73YBU-5	—	TTC73YIG-5	TTC73YGR-5	TTC73YOR-5	—	—	TTC73YYL-5
TTSL-2	TTSL-2BU	TTSL-2BR	TTSL-2IG	TTSL-2GR	TTSL-2OR	TTSL-2VL	TTSL-2RD	TTSL-2YL
TTSL2VC3-5	TTSL2VC3BU-5	—	TTSL2VC3IG-5	TTSL2VC3GR-5	—	—	—	TTSL2VC3YL-5
TTSL-3	TTSL-3BU	TTSL-3BR	TTSL-3IG	TTSL-3GR	TTSL-3OR	TTSL-3VL	TTSL-3RD	TTSL-3YL
TTSL-4	TTSL-4BU	TTSL-4BR	TTSL-4IG	TTSL-4GR	TTSL-4OR	TTSL-4VL	TTSL-4RD	TTSL-4YL
TTSL-5	TTSL-5BU	TTSL-5BR	TTSL-5IG	TTSL-5GR	TTSL-5OR	TTSL-5VL	TTSL-5RD	TTSL-5YL

*Indicates labels with colored strip on left hand side of label with remaining print-on area white. All other parts have solid colored print-on area.

Standard Color:

White

Color shown is approximate.

For other TIA Specified colors, refer to table above:

Blue | Brown | Gray | Green

Orange | Purple | Red | Yellow

Colors shown are approximate.

Material Specifications

Material Code	Material Type	Temperature Range	Key Features	Outdoor Rated	Hazardous Environment	UL Rec	CSA
GMPO	Polyolefin	-50°F to 120°F (-46°C to 49°C)	Durable, pliable material with permanent adhesive	No	No	No	No
GMPO5	Polyolefin	-50°F to 120°F (-46°C to 49°C)	Durable, pliable material with permanent adhesive	No	No	No	No
GMT1	Self-Laminating TEDLAR▲	0°F to 275°F (-18°C to 135°C)	Self-extinguishing, outdoor rated material; ideal for wire and cable labeling in harsh environments	Yes	Yes	Yes	Yes
GMV3	Self-Laminating Vinyl	-40°F to 150°F (-40°C to 66°C)	Preferred material for most general wire and cable labeling; thin, conformable material	No	No	Yes	Yes
GMV9	Semi-Rigid Vinyl	-20°F to 176°F (-29°C to 80°C)	Non-adhesive material for high quality faceplate label applications	No	No	No	No
GMY	Polyester	-40°F to 311°F (-40°C to 154°C)	Durable; high temperature; does not stretch or easily tear	Yes	Yes	Yes	Yes
GMY2	Polyester	0°F to 275°F (-18°C to 135°C)	Durable; high temperature; does not stretch or easily tear	Yes	Yes	Yes	Yes
GMY3	Polyester	0°F to 275°F (-18°C to 135°C)	Used for high quality indoor/outdoor self-laminating labels	Yes	Yes	No	No
GMY4	Polyester	-40°F to 302°F (-40°C to 150°C)	Durable; high temperature; does not stretch or easily tear	Yes	Yes	Yes	No

▲TEDLAR is the registered trademark of E.I. DuPont Co.

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
A	
ABM100-A-C	**82**
ABM100-A-C14	82
ABM100-A-C15	82
ABM100-AT-C0	82
ABM1M-A-C	**82**
ABM2S-A-C	82
ABM2S-A-C14	82
ABM2S-A-C15	82
ABM3H-A-L	**82**
ABM4H-A-L	**82**
ABMM-A-C	**82**
ACC19-A-C	82
ACC38-A-C	82
ACC62-A-C	82
ARC68-A-Q14	82
ARC68-S6-Q14	82
B	
B2M2S-L	**76**
B33BT1	12
B33CT2	12
B33CT3	12
B33DS1	12
B33DS2	12
B3M2S-L	76
B4M2S-L	76
BA3IW-X	115
BA3IW-X	137
BA6IW-X	115
BA6IW-X	137
BC1.5I-S8-C	75
BC1.5M-S4-C	75
BC1M-S4-C	75
BC2LH-S25-L	75
BC2M-S4-C	75
BC2S-S10-C	75
BC3LH-S25-L	75
BC3S-S10-C	75
BC4LH-S25-L	75
BC4S-S10-C	75
BEC38-A-L	82
BEC62-A-L	**82**
BEC75-A-L	**82**
BF1.5M-C	76
BF1M-C	**76**
BF2M-C	76
BM1.5M-C	76
BM1M-C	**76**
BM2M-C	**76**
BM2S-C	**76**
BM3S-C	76
BM4S-C	76
BNC15F17S12-X	12
BNC15F18S12-X	12
BNC15M11S11-X	12
BNC15M12S11-X	12
BR2-1.3-A-X	**57**
BR2-1.3-X	57
BT1.5I-C	**75**
BT1.5M-C	75
BT1M-C	**75**
BT2I-C	**75**
BT2LH-L	75
BT2M-C	**75**
BT2S-C	**75**
BT3I-C	**75**
BT3LH-L	75
BT3M-C	75
BT3S-C	**75**
BT4I-C	75
BT4LH-L	**75**
BT4M-C	**75**
BT4S-C	**75**
BT5LH-L	75
BT6LH-L	75
BT7LH-L	75
BT8LH-L	75
BT9LH-L	**75**
C	
C.5LG6	68
C.75LG6	68
C1.5LG6	68
C1LG6	68
C2.5LG6	68
C2LG6	68
C2YL6	**61**
C2YL6	**61**
C3LG6	68
C4LG6	68
C4YL6	61
C4YL6	61
C6LG6	68
CA3IW-X	115
CA5IW-X	115
CBEIW	40
CBEIW-2G	40
CBIW	40
CBIW-2G	40
CBM-X	47
CBX12IW-A	46
CBX1IW-A	46
CBX2IW-A	**46**
CBX4IW-A	**46**
CBXC4IW-A	46
CBXD6IW-A	46
CBXF12IW-A	47
CBXF6IW-A	47
CBXF6KITIW	47
CBXJ2IW-A	**46**
CCMKIT1	**85**
CD5-8	22
CF1062IW	42
CF1064IW	42
CF10IW-X	**129**
CF3IW-E	**129**
CF5IW-E	**129**
CFAPPBL1	34
CFAPPBL2	34
CFFP4BL	**44**
CFFP4IW	44
CFFPA2BL	**44**
CFFPA2IW	44
CFFPEBSL4BL	44
CFFPEBSL4IW	44
CFFPHM4BL	44
CFFPHM4IW	44
CFFPL4BL	**44**
CFFPL4IW	44
CFFPR1BL-X	45
CFFPSL4BL	45
CFG1IW	41
CFG2IW	41
CFG4IW	41
CFP1IW	39
CFP1IW-L	48
CFP2IW	**39**

Part Number	Page Number
CFP2IW-L	48
CFP2S	43
CFP4IW	39
CFP4IW-L	48
CFP4S	43
CFP4S-2G	43
CFP6S	43
CFPE10IW-2G	**40**
CFPE1IW	**40**
CFPE1IW-L	48
CFPE2IW	**40**
CFPE2IW-L	48
CFPE4IW	**40**
CFPE4IW-L	48
CFPE6IW	**40**
CFPE6IW-L	48
CFPF12IW-2G	39
CFPH2IW	39
CFPH2IW-L	48
CFPH4IW	39
CFPH4IW-L	48
CFPHS2IW	**38**
CFPHS2IW-L	48
CFPHSL4IW	**38**
CFPHSL4IW-L	48
CFPL2IW	**38**
CFPL2IW-L	48
CFPL3IW	**38**
CFPL3IW-L	48
CFPL4IW	**38**
CFPL4IW-L	48
CFPL6IW	**38**
CFPL6IW-L	48
CFPS4IW	39
CFPSE4IW	40
CFPSL2IW	**38**
CFPSL4IW-L	48
CFS2BL	27
CFS2IW	27
CFX10IW-X	**125, 129, 130**
CFX3IW-X	**129, 130**
CFX5IW-X	**129, 130**
CGJT	4
CHB2IW-X	41
CHB2MIW-X	41
CHF2IW-X	41

Part Number	Page Number
CHF2MIW-X	41
CHS1SIW-X	41
CHS2IW-X	**41**
CHS2SIW-X	41
CHSR2IW-X	41
CIDIW-C	47
CIPIW-C	47
CJ588IW	**10**
CJ588IW-C	10
CJ588SAIW	11
CJ588SBIW	11
CJ588TBL-24	52
CJ588TIW	**11**
CJ5E88TBL-24	52
CJ5E88TIW	**10**
CJ5E88TIW-C	10
CJ64IW	**11**
CJ66IW	**11**
CJ66UIW	**11**
CJ688TBL-24	52
CJ688TIW	**3**
CJ688TIW-C	3
CJ88IW	**11**
CJ88XBL	11
CJD5E88TIW	10
CJD688TIW	3
CJRRIW	**13**
CJRWIW	**13**
CJRYIW	**13**
CJS5E88T	10
CJS688T	3
CJSGK-X	3
CJST	19
CJSVIW	**14**
CJT-X	12
CLT100F-C3	**85**
CLT125F-L3	85
CLT150F-D3	85
CLT25F-C3	85
CLT35F-C3	85
CLT38F-C3	85
CLT50F-C3	85
CLT62F-C3	**85**
CLT75F-C3	85
CMBA75IW	**13**
CMBAIW	13

Part Number	Page Number
CMBIW-C	14
CMBIW-X	**14**
CMDRH1	56
CMDRH2	56
CMDRHD1	56
CMDRHD2	56
CMDSCIW	**13**
CMFBAIW	**13**
CMFBAIW-C	13
CMFCIW	**13**
CMMAIW-X	14
CMPH1	56
CMPH2	**56**
CMPH2W	56
CMPHD1	56
CMPHD2	56
CMPHDR2	56
CMPHF1	56
CMPHF2	**56**
CMPHH2	**56**
CMPHHF1	56
CMR19X47	53
CMR19X84	**53**
CMRCAIW	**13**
CMRCARIW	13
CMRCAWIW	13
CMRCAYIW	13
CMRPRIW	**13**
CMRPWIW	**13**
CMRPYIW	**13**
CMRS1970	53
CMRSDR1	53
CMRSHLF19	53
CMRSHLF23	53
CMRSTCW	53
CMRSTCW23	53
CMRSVC	53
CMRSW1970	**53**
CMRSW1976	53
CMRSW2370	**53**
CMRSW2376	53
CMSRC2	57
CMSTIW	**13**
CMSVCIW	**14**
CMVDR1	57
CMVDR2	57

Prime Items appear in **BOLD**.

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
CORD-S	166
CP106IW	**42**
CP106IW-2G	**42**
CP16BL	**51**
CP16WSBL	52
CP24BL	**51**
CP24WSBL	52
CP48BL	**51**
CP48WSBL	52
CP72BL	**51**
CP96BL	**51**
CPGIW	**42**
CPGIW-2G	**42**
CPP12WBL	52
CPP24WBL	**51**
CPP48WBL	**51**
CPPKTG24WBL	**4**
CPPKTG48WBL	**4**
CPPL24M6BL	51
CPPL24WBL	**51**
CPPL48M6BL	51
CPPL48WBL	**51**
CPPLF-5	**171**
CRC3A2BL-X	46
CRFPA2BL	45
CRS1-X	**57**
CRS6-X	**57**
CSCIW-X	48
CSGLLC-L	48
CST-115	26
CT5-8	22
CWMPV2318	57
CWMPV2340	**57**
CWMPV2418	57
CWMPV2440	**57**
CWMPV3318	57
CWMPV3340	**57**
CWMPV3418	57
CWMPV3440	**57**
CWPP12WBL	52
CWPTA2BL	46

D

Part Number	Page Number
D1.5H6	69
D1H6	69
D2H6	69
D3H6	69
D4H6	69
DB-C	69
DCEFXIW-X	**129, 130**
DCF3IW-X	**129**
DCF5IW-X	**129**
DCF10IW-X	**129**
DCT	69
DFCT	69
DNT-100	69
DP24584T25	21
DP24584TV25	**21**
DP24588110A	20
DP24588110B	**20**
DP245E88110A	20
DP245E88110B	**20**
DP24688WGP	5
DP48584T25	21
DP48584TV25	**21**
DP48588110A	20
DP48588110B	**20**
DP485E88110A	20
DP485E88110B	**20**
DP48688WGP	5
DP96588110A	20
DP96588110B	20
DP965E88110A	20
DP965E88110B	20
DP96688WGP	5
DPFP1	58
DPFP2	58
DPFP4	58
DPFP8	58
DS110	**172**
DSL110	**171**
DSLGP	171
DSLGP9	171

E

Part Number	Page Number
E2X2YL6	**61**
E4X4YL6	61
ECF3IW-E	**129**
ECF5IW-E	**129**
ECF10IW-X	**129**
ECFX10IW-X	**125, 129, 130**
ECFX3IW-X	**129, 130**
ECFX5IW-X	**129, 130**
ECPGIW	42
ECPGIW-2G	42
EDU20IW-X	112
EEFXIW	**125**
EFPK102G-X	48
EFPK-X	48
EFPL-1	175, 176, 177
EFPL-1	**174**
EFPL10-1	174, 176
EFPT-1	**174, 175, 176, 177**
EFPT10-1	174, 176
EGU20IW-X	112
ERU20IW-X	112
ETU20IW-X	112

F

Part Number	Page Number
F.5X.5LG6	68
F.5X1LG6	68
F.75X.75LG6	68
F.75X1.5LG6	68
F1.5X1.5LG6	68
F1.5X1LG6	68
F1.5X2LG6	68
F1.5X3LG6	68
F15F10S11-X	12
F15F12S11-X	12
F15M10S11-X	12
F15M12S11-X	12
F1X1.5LG6	68
F1X1LG6	68
F1X2LG6	68
F1X3LG6	68
F2X1.5LG6	68
F2X1LG6	68
F2X2LG6	68
F2X3LG6	68
F3X1LG6	68
F3X2LG6	68
F3X3LG6	68
F4X2LG6	68
F4X3LG6	68
F5B6J-NM1	31
F5B6J-NM2	31
F5D2-2M1	31
F5D2-2M2	31

Part Number	Page Number
F5D2-2M3	31
F5D2-3M1	31
F5D2-3M2	31
F5D2-3M3	31
F5D3-3M1	31
F5D3-3M2	31
F5D3-3M3	31
F5D6J-2M2	30
F5D6J-NM1	30
F5D6J-NM10	30
F5D6J-NM2	30
F5D6J-NM3	30
F5D6P-2M1	31
F5D6P-2M10	31
F5D6P-2M2	31
F5D6P-2M3	31
F5D6P-3M1	30
F5D6P-3M10	30
F5D6P-3M2	30
F5D6P-3M3	30
F5D6P-6JM1	31
F5D6P-6PM1	30
F5D6P-6PM10	30
F5D6P-6PM2	30
F5D6P-6PM3	30
F5D6P-NM1	31
F5D6P-NM10	31
F5D6P-NM2	31
F5D6P-NM3	31
F5S2-2M1	31
F5S2-2M2	31
F5S2-2M3	31
F5S3-3M1	31
F5S3-3M2	31
F5S3-3M3	31
F6B6J-NM1	28
F6B6J-NM2	28
F6D2-2M1	28
F6D2-2M2	28
F6D2-2M3	28
F6D2-3M1	29
F6D2-3M2	29
F6D2-3M3	29
F6D2C-2CM1	28
F6D2C-2CM2	28
F6D2C-2CM3	28

Part Number	Page Number
F6D3-3M1	29
F6D3-3M2	29
F6D3-3M3	29
F6D6J-2M2	28
F6D6J-NM1	28
F6D6J-NM10	28
F6D6J-NM2	28
F6D6J-NM3	28
F6D6P-2M1	28
F6D6P-2M10	28
F6D6P-2M2	28
F6D6P-2M3	28
F6D6P-3M1	28
F6D6P-3M10	28
F6D6P-3M2	28
F6D6P-3M3	28
F6D6P-6JM1	28
F6D6P-6PM1	28
F6D6P-6PM10	28
F6D6P-6PM2	28
F6D6P-6PM3	28
F6D6P-NM1	28
F6D6P-NM10	28
F6D6P-NM2	28
F6D6P-NM3	28
F6S2-2M1	28
F6S2-2M2	28
F6S2-2M3	28
F6S3-3M1	28
F6S3-3M2	28
F6S3-3M3	28
F9B2-NM1	30
F9B2-NM2	30
F9B2-NM3	30
F9B3-NM1	30
F9B3-NM2	30
F9B3-NM3	30
F9B6J-NM1	29
F9B6J-NM2	29
F9B6J-NM3	29
F9D2-2M1	30
F9D2-2M2	30
F9D2-2M3	30
F9D2-3M1	30
F9D2-3M2	30
F9D2-3M3	30

Part Number	Page Number
F9D3-3M1	30
F9D3-3M2	30
F9D3-3M3	30
F9D6J-2M2	29
F9D6J-6JM1	29
F9D6J-6JM10	29
F9D6J-6JM2	29
F9D6J-6JM3	29
F9D6J-NM1	29
F9D6J-NM10	29
F9D6J-NM2	29
F9D6J-NM3	29
F9D6P-2M1	29
F9D6P-2M10	29
F9D6P-2M2	29
F9D6P-2M3	29
F9D6P-3M1	29
F9D6P-3M10	29
F9D6P-3M2	29
F9D6P-3M3	29
F9D6P-6JM1	29
F9D6P-6JM2	29
F9D6P-6PM1	29
F9D6P-6PM10	29
F9D6P-6PM2	29
F9D6P-6PM3	29
F9D6P-NM1	29
F9D6P-NM10	29
F9D6P-NM2	29
F9D6P-NM3	29
F9S2-2M1	30
F9S2-2M2	30
F9S2-2M3	30
F9S3-3M1	30
F9S3-3M2	30
F9S3-3M3	30
FADC4X4	**64**
FALC	26
FAP10EWSC	36
FAP12EWST	36
FAP2WDSC	36
FAP3WDSC	**36**
FAP6EWDSC	36
FAP6ST	36
FAP6WDSC	**36**
FAP6WSC	**36**

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
FAP6WST	**36**
FAP8WST	36
FAPB	36
FAPBRC	35
FBFSP	26
FBFSPM	26
FCF2X2YL	**62**
FCF4X4YL	**62**
FCRP4	26
FCRP5	26
FCVR	26
FEC2X2YL	**62**
FEC4X4YL	62
FFCMBL	25
FFCMRD	25
FFCSBU	25
FFWC2X2YL	62
FFWC4X4YL	62
FG1BL50-A	117
FG1BL6-A	117
FG1BR50-A	117
FG1BR6-A	117
FG1EI50-A	117
FG1EI6-A	117
FG1YL50-A	117
FG1YL6-A	117
FG3BL50-A	117
FG3BL6S-A	**117**
FG3BR50-A	117
FG3BR6S-A	**117**
FG3EI50-A	117
FG3EI6S-A	**117**
FG3YL50-A	117
FG3YL6S-A	**117**
FGLS	26
FITF2X2	**63**
FITF4X4A	63
FITF4X4B	**63**
FIV452X2YL	62
FIV454X4YL	62
FIVRA2X2YL	62
FIVRA4X4YL	62
FJEP9FRL-X	24
FJEPFRL-X	24
FJEPGM5CBL	24
FJEPGM5CBU	24

Part Number	Page Number
FJEPGM5CEI	24
FJEPGM5CIW	24
FJEPGS9CBU	24
FJGCCEI	25
FJJ9FRL-X	24
FJJFRL-X	24
FJJGM5CEI	**24**
FJJGS9CBU	24
FJJSA50FRL-X	24
FJJSAFRL-X	24
FJJSAM50CEI	24
FJJSAM5CEI	24
FJJSM50FRL-X	24
FJJSMFRL-X	24
FJJSMM50CEI	24
FJJSMM5CEI	24
FJKITG	**25**
FJKITG-RFB	25
FJMKIT	**25**
FJPKGU	26
FJPMR	26
FJPXY	26
FJQACT	26
FJQADH	26
FJQCVR	26
FJQCVRB	26
FJQFXT	26
FJQKIT	**25**
FK2BJ	**27**
FK4BJ	27
FKC	26
FLB	**64**
FLB12X15	**64**
FLB12X20	**64**
FLB58X15	**64**
FLB58X20	**64**
FLRB	**63**
FMD24	**35**
FMD48	**35**
FMDJW24	35
FMDJW48	35
FMP6	**36**
FMPE8	36
FMPVC20	54
FMPVC45	54
FMPVS20	54

Part Number	Page Number
FMPVS45	54
FMRB	**64**
FMS100X6	117
FMS75X6	117
FMT24	**34**
FMT48	**34**
FMTJW24	34
FMTJW48	34
FO12CB	**27**
FO6CB	27
FOV452X2YL	62
FOV454X4YL	62
FOVRA2X2YL	**62**
FOVRA4X4YL	**62**
FP2DCIW	**110**
FP2RCIW	**110**
FPAD	26
FPCL-Q	26
FPF1-V	26
FPP1-L	26
FPP5-L	26
FPSL	26
FRA2X2YL	**62**
FRA4X4YL	62
FRF42YL	62
FRME108SBL	33
FRME144SBL	33
FRME36EBL	**32**
FRME36ESTBL	32
FRME48AIBL	32
FRME54EBL	**32**
FRME54ESTBL	32
FRME72E5BL	32
FRME72EBL	**32**
FRME72ESTBL	32
FRME72SBL	33
FS.5X.5LG6NM	68
FS.5X1LG6NM	68
FS.75X.75LG6NM	68
FS.75X1.5LG6NM	68
FS.75X1LG6NM	68
FS.75X2LG6NM	68
FS1.5X1.5LG6NM	68
FS1.5X1LG6NM	68
FS1.5X2LG6NM	68
FS1.5X3LG6NM	68

Part Number	Page Number
FS1.5X4LG6NM	68
FS1X1.5LG6NM	68
FS1X1LG6NM	68
FS1X2LG6NM	68
FS1X3LG6NM	68
FS1X4LG6NM	68
FS2.5X3LG6NM	68
FS2X1.5LG6NM	68
FS2X1LG6NM	68
FS2X2LG6NM	68
FS2X3LG6NM	68
FS2X4LG6NM	68
FS2X5LG6NM	68
FS3X1LG6NM	68
FS3X2LG6NM	68
FS3X3LG6NM	68
FS3X4LG6NM	68
FS3X5LG6NM	68
FS4X1.5LG6NM	68
FS4X2LG6NM	68
FS4X3LG6NM	68
FS4X4LG6NM	68
FS4X5LG6NM	68
FS6X4LG6NM	68
FSCDVR	26
FSCM1BL	**25**
FSCM1RD	**25**
FSCP	26
FSCS1BU	**25**
FST	26
FST6	35
FSTHE	35
FSTHW	35
FSTMBL	**25**
FSTMRD	**25**
FSTSBU	**25**
FSWB-C	26
FSYR-X	26
FT2X2YL	**62**
FT4X4YL	**62**
FTRB12	**63**
FTRBE12	**63**
FTRBE58	**63**
FTRBN12	**63**
FTRBN58	**63**
FTWZR	26

Part Number	Page Number
FUSB	**64**
FVT2X2YL	**62**
FVT4X4YL	**62**
FWBTL	26
FWME12EBL	**33**
FWME12ESTBL	33
FWME24EBL	**33**
FWME24ESTBL	33
FWME48EBL	33
FWME48ESTBL	33
FWP-C	26
FWR-C	**70**
FZBA1.5X4	**63**

G

Part Number	Page Number
G.5X.5LG6	68
G.5X1LG6	68
G.75X.75LG6	68
G.75X1.5LG6	68
G.75X1LG6	68
G.75X2LG6	68
G1.5X1.5LG6	68
G1.5X1LG6	68
G1.5X2LG6	68
G1.5X3LG6	68
G1.5X4LG6	68
G1X1.5LG6	68
G1X1LG6	68
G1X2LG6	68
G1X3LG6	68
G1X4LG6	68
G2.5X3LG6	68
G2X1.5LG6	68
G2X1LG6	68
G2X2LG6	68
G2X3LG6	68
G2X4LG6	68
G2X5LG6	68
G3X1LG6	68
G3X2LG6	68
G3X3LG6	68
G3X4LG6	68
G3X5LG6	68
G4X1.5LG6	68
G4X2LG6	68
G4X3LG6	68

Part Number	Page Number
G4X4LG6	68
G4X5LG6	68
G6X4LG6	68
GEE144F-A-C	86
GEE144F-A-C0	86
GEE62F-A-C	86
GEE62F-A-C0	86
GEE99F-A-C	86
GEE99F-A-C0	86
GES144F-A-C	86
GES144F-A-C0	86
GES62F-A-C	86
GES62F-A-C0	86
GES99F-A-C	86
GES99F-A-C0	86
GMPO	178
GMPO5	178
GMT1	178
GMV3	178
GMV9	178
GMY	178
GMY2	178
GMY3	178
GMY4	178
GPB144-X	6
GPB24-X	6
GPB432-X	6
GPB484R2	5
GPB484R4WJ	5
GPB72-X	6
GPBW144-X	**6**
GPBW24-X	**6**
GPBW432-X	6
GPBW72-X	6
GPCB4-C	6
GPCB4-X	**6**
GPDT	7
GPDTB	7
GPDTM	**7**
GPDTMB	7
GPDTMH	7
GPKBW144	**5**
GPKBW24	**5**
GPKBW432	5
GPKBW72	5
GPPC4IG14	7

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
GPPC4IG14A	7
GPPC4IG14B	7
GPPC4IG20	7
GPPC4IG20A	7
GPPC4IG20B	7
GPPC4IG3	**7**
GPPC4IG3A	7
GPPC4IG3B	7
GPPC4IG5	**7**
GPPC4IG5A	7
GPPC4IG5B	7
GPPC4IG7	**7**
GPPC4IG7A	7
GPPC4IG7B	7
GPPC4IG9	7
GPPC4IG9A	7
GPPC4IG9B	7
GS4H	81
GS4MT	**81**
GTS	81
H	
HLC3S-X0	**73**
HLC5S-X0	73
HLM-15R	73
HLS1.5S-X	73
HLS-15R	**73**
HLS3S-X	73
HLS5S-X	73
HLS-75R	73
HLSP1.5S-X0	**73**
HLSP3S-X0	**73**
HLSP5S-X0	**73**
HLT2I-X	**73**
HLT3I-X	**73**
HLTP2I-X0	**73**
HLTP3I-X0	**73**
HSG-115V-300	87
HSG-A1	87
HSG-A2	87
HSG-A3	87
HSG-A4	87
HSG-P1	87
HSG-P2	87
HSG-P3	87
HSG-P4	87
HSG-P6	87
HSTTV05-Q	**86**
HSTTV05-Y	86
HSTTV06-Q	86
HSTTV06-Y	86
HSTTV09-Q	86
HSTTV09-Y	86
HSTTV100-Q	86
HSTTV100-Y	86
HSTTV12-Q	**86**
HSTTV12-Y	**86**
HSTTV19-Q	**86**
HSTTV19-Y	**86**
HSTTV25-Q	**86**
HSTTV25-Y	**86**
HSTTV38-Q	**86**
HSTTV38-Y	**86**
HSTTV50-Q	**86**
HSTTV50-Y	**86**
HSTTV75-Q	**86**
HSTTV75-Y	**86**
HWS2819-C	83
I	
ICF10IW-X	129
ICF3IW-E	129
ICF5IW-E	129
ICFC3IW-X	129
ICFC5IW-X	129
ICFC10IW-X	129
ICFX3IW-X	130
ICFX5IW-X	130
ICFX10IW-X	125, 130
ILT1.5I-M	**74**
ILT1.5M-M	**74**
ILT1M-M	**74**
ILT2M-M	**74**
ILT2S-M	**74**
ILT3I-M	**74**
ILT3S-M	**74**
ILT4I-M	**74**
ILT4LH-TL	**74**
ILT4S-M	**74**
ILT6LH-C	**74**
J	
JB1DIW-A	113
JB1FSIW-A	112
JB1IW-A	112
JBA-X	113
JBD1	115
JBD2	115
JBP1DIW	113, 115
JBP1EIW	113
JBP1IW	113
JBP1IW	113
JBP1MD20IW	114
JBP1MR20IW	114
JBP2DIW	113
JBP2DIW	**114**
JBP2DIW	115
JBP2FSIW	112
JBP2IW	113
JBP2IW	**113**
JBP2SIW	115
JBX3510IW-A	**112**
JL22PO-1	172
JL41PO-0.5	170
JL43PO-1	171, 174, 175, 176, 177
JL44PO-1	171, 177
JLCPL-1	**171**
JLEFPD-1	174, 176
JLEFPS-1	**174, 175, 176, 177**
JSL11-Y3-1	168
JSL5-Y3-2.5	**168**
JSL6-Y3-1	168
JSL7-Y3-1	168
JSL8-Y3-1	168
L	
L3CBXCL	173
L3CBXWH	173
L3CPLFWH	175, 176, 177
L3CPLFWH	**171, 174**
L3EFPL1WH	174, 176
L3EFPL2WH	**174, 175, 176, 177**
L3EFPN1WH	174, 176
L3EFPN2WH	**174, 175, 176, 177**
L3PJ1CL	**172**
L3PJ1WH	**172**
L3PL3CL	170
L3PP2WH	**171**

Part Number	Page Number
LC10-A-L8	83
LC3-A-C8	83
LC5-A-C8	83
LD10IW6-A	127
LD10IW8-A	**127**
LD10IW10-A	127
LD2P10IW8-A	**125**
LD2P10IW10-A	125
LD3IW6-A	127
LD3IW8-A	**127**
LD3IW10-A	127
LD5IW6-A	127
LD5IW8-A	**127**
LD5IW10-A	127
LDP3IW8-A	**126**
LDP3IW10-A	126
LDP5IW8-A	**126**
LDP5IW10-A	126
LDP10IW8-A	**126**
LDP10IW10-A	126
LDS3IW10-A	**128**
LDS5IW10-A	**128**
LDW3-V	126
LDW5-V	126
LDW10-V	126
LMD3IW-Q	**128**
LMD5IW-Q	**128**
LS3-BS	166
LS3-CASE	**166**
LS3E	**166**
LS3EA	166
LS3EACS	**166**
LS3EAK-S	**166**
LS3EAP	166
LS3E-BP	**166**
LS3ECAP	166
LS3E-CP	166
LS3EC-S	**166**
LS3E-MAN-A	166
LS3-RIB	**166**
LWC100-A-L	83
LWC100-A-L14	83
LWC100-H25-L	83
LWC100-H25-L14	83
LWC19-A-C	83
LWC19-A-C14	83

Part Number	Page Number
LWC19-H25-C	83
LWC19-H25-C14	83
LWC25-A-C	83
LWC25-A-C14	83
LWC25-H25-C	83
LWC25-H25-C14	83
LWC38-A-C	83
LWC38-A-C14	83
LWC38-H25-C	83
LWC38-H25-C14	83
LWC50-A-L	83
LWC50-A-L14	83
LWC50-H25-L	83
LWC50-H25-L14	83
LWC75-A-L	83
LWC75-A-L14	83
LWC75-H25-L	83
LWC75-H25-L14	83
LWS-10	169
LWS-11	**169**
LWS-13	**169**
LWS-2	**169**
LWS-3	**169**
LWS-54	169

M

Part Number	Page Number
MFFD	45
MFFPEBL	**44**
MFFPEIW	44
MIWBAIW	43
MLT10H-LP	**80**
MLT10S-CP	80
MLT10WH-LP	80
MLT12H-Q	80
MLT12S-Q	80
MLT14H-Q	80
MLT14S-Q	80
MLT1S-CP	**80**
MLT2.7S-CP	**80**
MLT2.7WH-LP	80
MLT2H-LP	**80**
MLT2S-CP	**80**
MLT4H-LP	**80**
MLT4S-CP	**80**
MLT4WH-LP	80
MLT6H-LP	**80**

Part Number	Page Number
MLT6S-CP	**80**
MLT6WH-LP	80
MLT8H-LP	**80**
MLT8S-CP	**80**
MLT8WH-LP	80
MLTC10H-LP316	81
MLTC2H-LP316	**81**
MLTC4H-LP316	**81**
MLTC6H-LP316	**81**
MLTC8H-LP316	81
MP588-L	**22**
MSP500W	45
MWBA1	43
MWBA-2G	43

N

Part Number	Page Number
NR1-C	70
NR1-M	70
NR2WH-L	**65**
NR4BL-L	**65**

O

Part Number	Page Number
OCF10IW-X	129
OCF3IW-E	129
OCF5IW-E	129
OCFC3IW-X	130
OCFC5IW-X	130
OCFC10IW-X	130
OCFX3IW-X	129
OCFX5IW-X	129
OCFX10IW-X	125, 129

P

Part Number	Page Number
P110B1003R2	18
P110B1003R4WJ	18
P110B1004R2	18
P110B1004R2IG	**18**
P110B1004R4WJ	18
P110B1005R2	18
P110B1005R2IG	18
P110B1005R4WJ	18
P110B100R2	18
P110B100R2B	18
P110B100R4B	18
P110B100R4WJ	18

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
P110B100-X	15
P110B300-X	15
P110B4R4WJIG	**18**
P110B5R4WJIG	18
P110BW100-X	**15**
P110BW300-X	15
P110CB3-C	14
P110CB3-X	14
P110CB4-C	14
P110CB4IG-C	14
P110CB4IG-X	**14**
P110CB4-X	**14**
P110CB5-C	14
P110CB5IG-C	14
P110CB5IG-X	**14**
P110CB5-X	**14**
P110JTW-X	**15**
P110JTW-X	**6**
P110JT-X	15
P110JT-X	6
P110KB1003	15
P110KB1003CBF	19
P110KB1003CBM	19
P110KB1003CTF	19
P110KB1003CTM	19
P110KB1004	15
P110KB1004CBF	19
P110KB1004CBM	19
P110KB1004CTF	19
P110KB1004CTM	19
P110KB1004IG	**15**
P110KB1005	15
P110KB1005CBF	19
P110KB1005CBM	19
P110KB1005CTF	19
P110KB1005CTM	19
P110KB1005IG	15
P110KB3003	15
P110KB3003CBF	19
P110KB3003CBM	19
P110KB3003CTF	19
P110KB3003CTM	19
P110KB3004	15
P110KB3004CBF	19
P110KB3004CBM	19
P110KB3004CTF	19

Part Number	Page Number
P110KB3004CTM	19
P110KB3004IG	15
P110KB3005	15
P110KB3005CBF	19
P110KB3005CBM	19
P110KB3005CTF	19
P110KB3005CTM	19
P110KB3005IG	15
P110KT3003	17
P110KT3004	**17**
P110KT3004IG	17
P110KT3005	17
P110KT3005IG	17
P110KT9003	17
P110KT9004	**17**
P110KT9004IG	17
P110KT9005	17
P110KT9005IG	17
P110LH	171
P110PC1IG2	16
P110PC1IG4	16
P110PC1IG5	16
P110PC1IG6	16
P110PC1-X	16
P110PC2IG2	16
P110PC2IG4	16
P110PC2IG5	16
P110PC2IG6	16
P110PC2-X	16
P110PC3IG2	16
P110PC3IG4	16
P110PC3IG5	16
P110PC3IG6	16
P110PC3-X	16
P110PC4IG2	**16**
P110PC4IG2A	16
P110PC4IG2B	16
P110PC4IG4	**16**
P110PC4IG4A	16
P110PC4IG4B	16
P110PC4IG5	**16**
P110PC4IG5A	16
P110PC4IG5B	16
P110PC4IG6	**16**
P110PC4IG6A	16
P110PC4IG6B	16

Part Number	Page Number
P110PC4-X	**16**
P110T300	17
P110T900	17
P110TB300	17
P110TB900	17
P110VCM	17
P110VCM300	17
P110VCM900	17
P32W2A2-100-7	87
P32W2A2-100-72	87
P32W2A2-150-72	87
P32W2A2-1X1-24	87
P32W2A2-200-72	87
P32W2A2-38-72	87
P32W2A2-50-7	87
P32W2A2-50-72	87
P32W2A2-63-72	87
P32W2A2-75-7	87
P32W2A2-75-72	87
P32W2R1-100-7	87
P32W2R1-100-72	87
P32W2R1-150-72	87
P32W2R1-1X1-24	87
P32W2R1-200-72	87
P32W2R1-50-7	87
P32W2R1-50-72	87
P32W2R1-63-72	87
P32W2R1-75-7	87
P32W2R1-75-72	87
P63W2A2-100-36	87
P63W2A2-100-7	87
P63W2A2-150-36	87
P63W2A2-1X1-24	87
P63W2A2-200-36	87
P63W2A2-38-36	87
P63W2A2-50-36	87
P63W2A2-50-7	87
P63W2A2-63-36	87
P63W2A2-75-36	87
P63W2A2-75-7	87
P63W2R1-100-36	87
P63W2R1-100-7	87
P63W2R1-150-36	87
P63W2R1-1X1-24	87
P63W2R1-200-36	87
P63W2R1-50-36	87

Part Number	Page Number
P63W2R1-50-7	87
P63W2R1-63-36	87
P63W2R1-75-36	87
P63W2R1-75-7	87
PC.75CL6	68
PC1.5CL6	68
PC1CL6	68
PC2CL6	**61**
PC2CL6	68
PC3CL6	68
PC4CL6	61,68
PCF3IW-X	137
PCF6IW-X	137
PCPA11EI	158
PCPA11IW	158
PCPA11R20EI	158
PCPA11R20IW	158
PCPA13EI	158
PCPA13IW	158
PCPA13R20EI	158
PCPA13R20IW	158
PCV-FOA	**170**
PCV-FOB	**170**
PCV-FOC	**170**
PCV-FOCA	**170**
PCV-FOCB	**170**
PCV-FOCC	**170**
PCV-FOM	**170**
PCV-FOR	**170**
PD3IW10	136
PD3IW10-A	136
PD3IW6	136
PD3IW6-A	136
PD3IW8	**136**
PD3IW8-A	**136**
PD6IW10	136
PD6IW10-A	136
PD6IW6	136
PD6IW6-A	136
PD6IW8	**136**
PD6IW8-A	**136**
PDB110M	19
PDH110M	19
PDL-2	**168**
PDL-3	**168**
PDL-301	170

Part Number	Page Number
PDL-4	168
PDL-401-D	173
PDL-403-1	172
PDL-406-D	173
PDL-411-1	172
PDL-412	172
PDL-5	**168**
PDL-54	**168**
PDT110	19
PDT110M	**19**
PDTH110	19
PE.75X1CL6	68
PE1.5X1.5CL6	68
PE1X3CL6	68
PE2X1.5CL6	68
PE2X2CL6	**61**
PE2X2CL6	68
PE3X1.25CL6	68
PE4X4CL6	61
PE4X4CL6	68
PEB1	57
PEB2	57
PECF3IW-X	137
PECF6IW-X	137
PEEF36IW-X	137
PFBC36EI18	137
PFCF2X2CL	**62**
PFCF4X4CL	**62**
PFEC2X2CL	**62**
PFEC4X4CL	62
PFF36EI18	137
PFFWC2X2CL	62
PFFWC4X4CL	62
PFIV452X2CL	62
PFIV454X4CL	62
PFIVRA2X2CL	62
PFIVRA4X4CL	62
PFOV452X2CL	62
PFOV454X4CL	62
PFOVRA2X2CL	62
PFOVRA4X4CL	62
PFRA2X2CL	62
PFRA4X4CL	62
PFRF42CL	62
PFT2X2CL	**62**
PFT4X4CL	**62**

Part Number	Page Number
PFVT2X2CL	62
PFVT4X4CL	**62**
PFX-0	**26,166**
PFX-2	166
PGK	**51**
PGKE	52
PICF3IW-X	137
PICF6IW-X	137
PJIBM-COM	172
PJIBM-COMS	172
PJIBM-D	172
PJIBM-DS	172
PJIBM-LAN	172
PJIBM-V	172
PJIBM-VS	172
PL2M2S-L	**77**
PL3M2S-L	**77**
PLC1.5I-S8-C	**77**
PLC1M-S4-C	**77**
PLC2H-S25-L	77
PLC2S-S10-C	**77**
PLC2S-S6-C	77
PLC3H-S25-L	77
PLC3S-S10-C	77
PLC4H-S25-L	**77**
PLC4S-S10-C	**77**
PLD-1	**169**
PLD-2	**169**
PLF1MA-C	**77**
PLF1M-C	**77**
PLL-11-Y3-2.5	168
PLL-12-Y3-1	**168**
PLL-13-Y3-1	**168**
PLL-17-Y2-1	170
PLL-21-Y3-1	**168**
PLL-22-PO-1	172
PLL-23-Y2-1	173
PLL-23-Y2-5	173
PLL-23-Y3-1	173
PLL-23-Y3-5	173
PLL-40-Y3-1	**168**
PLL-46-Y2-1	**172**
PLL-46-Y3C-1	**172**
PLM1M-C	**77**
PLM2M-C	**77**
PLM2S-C	**77**

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
PLM4S-C	**77**
PLT1.5I-C	**76**
PLT1.5M-C	**76**
PLT1.5S-C	76
PLT1M-C	**76**
PLT1M-C702	77
PLT1S-C	76
PLT2.5H-L	76
PLT2.5I-C	**76**
PLT2.5S-C	76
PLT2H-L	**76**
PLT2I-C	**76**
PLT2M-C	**76**
PLT2S-C	**76**
PLT2S-C702	**77**
PLT3H-L	**76**
PLT3I-C	**76**
PLT3S-C	**76**
PLT3S-C702	**77**
PLT4.5S-C	76
PLT4H-L	**76**
PLT4I-C	**76**
PLT4S-C	**76**
PLT5S-C	**76**
POCF3IW-X	137
POCF6IW-X	137
PPF2S-S25-X	84
PRAF3IW-X	137
PRAF6IW-X	137
PRJBX36IW	114
PROG-WIN2	**167**
PROG-WIN2CD	**167**
PS.75X1CL6	68
PS1.5X1.5CL6	68
PS1X3CL6	68
PS2X1.5CL6	68
PS2X2CL6	68
PS2X2CL6NM	**61**
PS3X1.25CL6	68
PS4X4CL6	68
PS4X4CL6NM	**61**
PSCB-12	**169**
PSCB-13	**169**
PSCB-3	**169**
PSCB-BLNK	173
PSCB-COM	173
PSCB-COMS	173
PSCB-DEC	173
PSCB-DS	173
PSCB-LAN	173
PSCB-V	173
PSCB-VS	173
PSJBXIW	114
PST-FO	169
PST-FOBLNK	169
PTF3IW-X	137
PTF6IW-X	137
PTR2E	**165**
PTR2-RS	**165**
PTR3	165
PTR-CLN	165
PTR-CLN	165
PWR6-X	137
PX-0	166
PX-10	166
PX-2	166
R	
RAEFXIW-X	**129, 130**
RAF10IW-X	**129**
RAF3IW-E	**129**
RAF5IW-E	**129**
RAFC3IW-X	**129**
RAFC5IW-X	**129**
RAFC10IW-X	**129**
RAFX3IW-X	**130**
RAFX5IW-X	**130**
RAFX10IW-X	**125, 130**
RF10X3IW-X	129
RF10X5IW-X	129
RF5X3IW-E	129
RFX103IW-X	129
RFX103IW-X	130
RFX105IW-X	129
RFX105IW-X	130
RFX53IW-X	129
RFX53IW-X	130
RJBX3510IW	113
S	
S1224-C	53
S2X2YL6NM	61
S4X4YL6NM	61
SD2H6	69
SD3H6	69
SD4H6	69
SLCT-BR	170
SLCT-IG	170
SLCT-OR	170
SLCT-WH	**170**
SLCT-YL	170
SRT	**127**
STPC1MBBL	22
STPC2MBBL	22
STPC3MBBL	22
STPC5MBBL	22
STPCTG1MBBL	4
STPCTG2MBBL	4
STPCTG3MBBL	4
STPCTG5MBBL	4
T	
T130DBD-X	**152**
T130DB-X	**152**
T130DMC2IW	152
T130DMCIW	**152**
T130GIW	**151**
T130K1IW	152
T130K2IW	152
T130LMCIW	153
T130RMC2IW	152
T130RMCIW	152
T130TDMCIW	**153**
T130TMCIW	153
T130TRMCIW	**153**
T170GIW	**151**
T170K1IW	152
T170K2IW	152
T170K3IW	152
T3WR-C	70
T45BIW10	107
T45BIW10-A	107
T45BIW8	**107**
T45BIW8-A	**107**
T45CCIW-X	**107**
T45CIW10	107
T45CIW8	**107**
T45DW10	107

Part Number	Page Number
T45DW8	**107**
T45ECIW	**107**
T45EEIW	108
T45HDBIW	**107**
T45ICIW	**107**
T45OCIW	**107**
T45RAIW	**107**
T45RLDIW	108
T45TD	108
T45TIW	**108**
T45TRI	108
T45WC2IW	**108**
T45WCIW	**108**
T45WR-X	**108**
T50F-C	85
T50F-C0	85
T50F-C3	**85**
T50F-C4	85
T50R-C	**85**
T702BCIW-X	**98**
T702BIW10	97
T702BIW8	**97**
T702ECIW	**98**
T702EEIW	**98**
T702ICIW	**98**
T702OCIW	**98**
T702RAIW	**98**
T702TIW	**98**
T702TRI	98
T702TRIW	98
T702TRLIW	98
T70B1IW	111
T70B2IW	**111**
T70BCIW-X	**95**
T70BH1IW	111
T70BH2IW	**111**
T70BIW10	95
T70BIW8	**95**
T70CCIW-X	142
T70CCIW-X	**95, 98**
T70CIW10	95, 97, 142
T70CIW8	**95, 97, 142**
T70DB-X	**99, 143**
T70DW10	95, 97
T70DW8	**95, 97**
T70ECIW	**95,**

Part Number	Page Number
T70EEIW	**96**
T70FH2IW	110
T70FH4IW	**110**
T70FSB	99
T70FV2IW	110
T70FV4IW	**110**
T70HB3-X	**99**
T70HB-X	99
T70ICIW	**95**
T70OCIW	**95**
T70PGIW	**110**
T70PGSIW	111
T70PIW	**110**
T70PSIW	111
T70RAIW	**95**
T70SDB-X	99,143, 159
T70S-X	99
T70TDB	96
T70TDC	96
T70TDT	96
T70TIW	**96**
T70TRCIW	96
T70TRI	**96**
T70TRIW	**96**
T70WC2IW	**96**
T70WCIW	**96**
T70WR-X	143
T70WR-X	**99**
TB130IW10	150
TB130IW8	**150**
TB170IW10	150
TB170IW8	**150**
TB5583-V	**151**
TBSR-Q	151
TC130IW10	150
TC130IW8	**150**
TC170IW10	150
TC170IW8	**150**
TCFB3070IW-X	**151**
TCFB3070IW-X	**151**
TCFC130IW-X	**151**
TCFC170IW-X	**151**
TD6810	150
TD688	**150**
TE70BIW10	142
TE70BIW8	142

Part Number	Page Number
TE70CFBIW-X	142
TE70DW10	142
TE70DW8	142
TE70HB	143
TE70ICFIW	142
TE70OCBIW	142
TE70OCCIW	142
TE70RAFIW	142
TE70TD	142
TE70TFIW	142
TEC105IW	142
TEC130IW	**151**
TEC170IW	**151**
TEE130IW	**151**
TF10IW-X	129
TF3IW-E	129
TF5IW-E	129
TFC10IW-X	129
TFC3IW-X	129
TFC5IW-X	129
TFX10IW-X	130
TFX3IW-X	130
TFX5IW-X	130
TFXD10IW-X	125
TIC130IW	**151**
TIC170IW	**151**
TM1S4-C	84
TM1S6-C	84
TM2S6-C	84
TM2S8-C	84
TM3S10-C	84
TM3S25-C	84
TM3S8-C	84
TMB105-X	143
TMB130-X	150
TMB170-X	150
TNR	69
TOCB130IW	**151**
TOCB170IW	**151**
TOCC130IW	**151**
TOCC170IW	**151**
TPM10-16-C	84
TPM15-16-C	84
TPM-16-C	84
TPM20-16-C	84
TPM25-16-C	84

Prime Items appear in **BOLD**.

ALPHANUMERIC PART NUMBER INDEX

Part Number	Page Number
TPM30-16-C	84
TPM5-16-C	84
TR170X130IW	151
TRA130IW	**151**
TRA170IW	**151**
TRC2BL	**65**
TRC2BL	70
TRC4BL	**65**
TRC4BL	70
TT130IW	**151**
TT170IW	**151**
TTC73Y-5	171, 174, 175, 176, 177
TTC-CPL-.5	171
TTC-DS110-.5	172
TTC-EFPL-1	174
TTC-EFPL-1	175, 176,177
TTC-EFPL10-1	174, 176
TTC-MJ-5	172
TTC-MJWH-5	172
TTR4-BL-S	165
TTR4W-BL-S	165
TTR-BL	**165**
TTRW-BL	**165**
TTSL-2	**168**
TTSL2VC3-5	**168**
TTSL-3	**168**
TTSL3VC3-1	**168**
TTSL-4	**168**
TTSL4VC3-5	**168**
TTSL-5	168
TTSL-54	168
TTSL5VC3-2.5	168
TWR130-X	150
TWR170-X	150

U

Part Number	Page Number
UTPCH1	22
UTPCH3	**22**
UTPCH5	**22**
UTPCH7	**22**
UTPCH10	**22**
UTPCH14	22
UTPCH20	22
UTPCH812PP25	21
UTPCH8L25	21
UTPCH8LR25	21
UTPCH8R25	21
UTPCH8SL25	21
UTPCH8SR25	21
UTPCTG3	**4**
UTPCTG5	**4**
UTPCTG7	**4**
UTPCTG9	4
UTPCTG14	4
UTPCTG20	4

V

Part Number	Page Number
VWS106-A-C	**83**
VWS106-C	**83**
VWS42105-C	83
VWS4218-C	83
VWS4238-C	83
VWS4274-C	83
VWSDC-A-C	84
VWSDC-C	84

W

Part Number	Page Number
WB89D	52
WBH1	58
WBH2	**58**
WBH3	58
WBH4	**58**
WMBC	57
WMP1	55
WMP1-HRFC	55
WMP1-RBC	55
WMP1-RFC	55
WMPF1	55
WMPFS	**55**
WMPH2	**55**
WMPH2-HRFC	55
WMPH2-RFC	55
WMPHF2	**55**
WMPHF3	55
WMPLFS	55
WMPLS	55
WMPLS-HRFC	55
WMPS	**55**
WMPS-HRFC	55
WMPS-RBC	55
WMPS-RFC	55
WMPV20-HRC	55
WMPV45-HRC	55
WMPVC20	54
WMPVC45	54
WMPVC50	54
WMPVCF20	54
WMPVCF45	54
WMPVHD45	54
WMPVHDCB	54
WMPVHDF45	54
WMPVS20	54
WMPVS45	54
WMPVS50	54
WMPVSF20	54
WMPVSF45	54
WMSRC1	57
WMSRC2	57
WPS-20	43
WPS-202	43
WPT-8	22
WR2-C	70
WR3-C	70
WR4-C	70
WR5-C	70

Panduit PAN-NET™ GUARANTEE

All Panduit *PAN-NET* non-consumable products have a 20 year guarantee. When installed per TIA or ISO/IEC standards, the Panduit *PAN-NET* Network Cabling System will operate the application(s) which the system was designed to support. Applications may include, but are not limited to:

10/100/1000 Mbps Ethernet (IEEE 802.3)
4/16 Mbps Token Ring (IEEE 802.5)
155, 622, 1.25 Gbps ATM
SONET
FDDI/CDDI
IBM System 3x-AS/400
Appletalk
ISDN

In order to qualify for the guarantee, the structured cabling system must be installed per the following:

1. Meet all TIA/EIA commercial building wiring standards.
2. Panduit categorized product must be used in conjunction with an equivalent or higher Category UL or ETL verified cable.
3. Panduit products must be installed per appropriate Panduit instruction sheets.

Note: All networks shall be installed per applicable standards and manufacturer's guidelines.

If any Panduit *PAN-NET* product fails to perform as stated above, Panduit will provide new components at no charge.

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Panduit is committed to maintaining a leadership position in the Network Connectivity Market. As new technologies evolve, Panduit will continue to develop state-of-the-art components which will be added to the *PAN-NET* product line.