

6400FE Non-Paired - New Generation®



Description:

Bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (aluminum side out) and drain wire, Flamarrest® jacket with ripcord. Sequential footage marking every two feet.

SUITABLE APPLICATIONS:

Suitable Applications Intercom/PA Systems and Sound/Audio Systems.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	20
Stranding	7x28
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material Trade Name	Flamarrest®
Insulation Material	LS PVC - Low Smoke Polyvinylchloride
Nom. Insulation Wall Thickness	.009 in.

OVERALL CABLING:

Overall Cabling Lay Length	2 in.
Overall Cabling Twists/ft.	6.0

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30



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Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
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OUTER JACKET:

Outer Jacket Material Trade Name	Flamarrest®
Outer Jacket Material	LS PVC - Low Smoke Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.142 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	0°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	15.3 lbs/1000 ft.
Max. Recommended Pulling Tension	37.1 lbs.
Min. Bend Radius (Install)	1.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
NEC Articles	800
CEC/C(UL) Specification	CMP

FLAME TEST:

UL Flame Test	UL910 Steiner Tunnel
C(UL) Flame Test	FT6

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	5400FE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.16 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	56 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	100.8 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.3 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	11.3 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	3.75 Amps per conductor @ 25°C

PUT-UPS AND COLORS:



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Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
6400FE 8771000	2 #20 FLRST FS FLRST	1000	17	NATURAL	C
6400FE 877C500	2 #20 FLRST FS FLRST	C500	7.5	NATURAL	
6400FE 877U1000	2 #20 FLRST FS FLRST	U1000	17	NATURAL	

C = CRATE REEL PUT-UP.

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