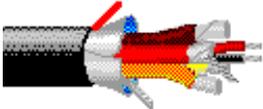


1516C Paired - Analog Multi-Pair Snake Cable

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 7 for Snake Cables.pdf</p>
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Description:

24 AWG stranded (7x32) tinned copper conductors, polyolefin insulation, individually shielded pairs(100% coverage), individual PVC jackets are bonded to individual shields so both strip simultaneously, overall Beldfoil® shield and PVC jacket with ripcord

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	24
Total Number of Conductors	48
AWG	24
Stranding	7x32
Conductor Diameter	.024 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PO - Polyolefin
Nom. Insulation Wall Thickness	.008 in.
Insulation Diameter	.040 in.

PAIR:

Pair Lay Length	1.75 in.
Pair Twists/ft.	6.85
Pair Shield Material Trade Name	Beldfoil®
Pair Shield Type	Tape
Pair Shield Material	Aluminum Foil-Polyester Tape
Pair Shield % Coverage	100 %

PAIR SHIELD DRAIN WIRE :

Pair Shield Drain Wire AWG	24
Pair Shield Drain Wire Stranding	7x32
Pair Shield Drain Wire Conductor Material	TC - Tinned Copper
Pair Color Code Chart	Red & Black

INNER JACKET:



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Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Nominal Wall Thickness	.014 in.
Inner Jacket Diameter	.111 in.

Inner Jacket Color Code Chart :

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink
13	Lt. Gray/Brown
14	Lt. Gray/Red
15	Lt. Gray/Orange
16	Lt. Gray/Yellow
17	Lt. Gray/Green
18	Lt. Gray/Blue
19	Lt. Gray/Purple
20	Lt. Gray/Gray
21	Lt. Gray/White
22	Lt. Gray/Black
23	Lt. Gray/Tan
24	Lt. Gray/Pink

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	18
Outer Shield Drain Wire Stranding	7x26
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.065 in.
Outer Jacket Ripcord	Yes

1516C Paired - Analog Multi-Pair Snake Cable

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.807 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-35°C To +75°C
Bulk Cable Weight	263.5 lbs/1000 ft.
Max. Recommended Pulling Tension	418.4 lbs.
Min. Bend Radius (Install)	8 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	31 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	58 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	23.3 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	15.9 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	1.05 Amps per conductor @ 25°C
Max. Recommended Current	1.05 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1516C B591000	24 PR #24 HDPE FS PVC FS PVC	1000	366	BLACK, MATTE	C
1516C B59500	24 PR #24 HDPE FS PVC FS PVC	500	178	BLACK, MATTE	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 11-19-2003



1516C Paired - Analog Multi-Pair Snake Cable

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