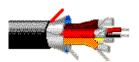
Detailed Specifications & Technical Data





1817WB Multi-Conductor - Analog Multi-Paired Snake Cable



For more Information please call

1-800-Belden1



Description:

22 AWG stranded (7x30) TC conductor, polyolefin insulation, individually shielded with bonded Beldfoil®, numbered/color-coded PVC jackets, jackets and shields are bonded so both strip simultaneously, overall black PVC jacket and nylon rip cord.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
8	22	7x30	TC - Tinned Copper	.030

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PO - Polyolefin	.050

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type				
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100		

Inner Shield Drain Wire AWG:



Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.133

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
18	19x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material HDPE - High Density Polyethylene

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:





Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1817WB Multi-Conductor - Analog Multi-Paired Snake Cable

2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray

Overall Nominal Diameter:

0.537 in.

Pair

Pair Color Code Chart:

Color		
Red & Black		

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	150 lbs/1000 ft.
Max. Recommended Pulling Tension:	243 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.500 in.

Applicable Specifications and Agency Compliance (Overall)

Α	p	olicable	Standards	&	Environmental Progra	ams
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EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/20/2011
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
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Su

Suitability - Indoor:	Yes	
Suitability - Outdoor:	Yes	
Suitability - Aerial:	Yes	
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
enum/Non-Plenum		

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	1817P

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:



Detailed Specifications & Technical Data





1817WB Multi-Conductor - Analog Multi-Paired Snake Cable

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
56

Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 14.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 11.8

Ind. Pair Nominal Shield DC Resistance @ 20

14.100 Ohm/1000 ft

Deg. C:

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 1.45 Amps per conductor @ 25°C

Notes (Overall)

Notes: Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil® provides high reliability with ease of termination.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1817WB 0101000	1,000 FT	143.000 LB	BLACK		8 FS PR #22 PVC FS HDPE

Revision Number: 0 Revision Date: 12-19-2011

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