

For more Information
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1-800-Belden1



General Description:

14 AWG pairs stranded (7x22) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	14	7x22	BC - Bare Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

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	Drain Wire Conductor Material
16	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.2192

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 8.382 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Pair Lay Length & Direction:

Lay Length (mm)	Twists (twist/m)
95.25	10.499

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +90°C

Bulk Cable Weight: 120.544 Kg/Km

Max. Recommended Pulling Tension: 711.712 N

Min. Bend Radius/Minor Axis: 83.820 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	NPLF, TC
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)	0.59058
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Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	157.488
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Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)	334.662
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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	7.5463
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Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)	7.8744
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Max. Operating Voltage - UL:

Voltage	600 V RMS (NEC Type TC)
	150 V RMS (NPLF)

Max. Recommended Current:

Current	10 Amps per conductor @ 25°C
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Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 08-07-2014

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