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1-800-Belden1



Description:

12 AWG bare high-conductivity ETP copper conductors, highly stranded for ultra flexibility, high-grade PVC insulation, PVC jacket with ripcord, sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	12	65x30	Bare High-Conductivity ETP Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.020

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.018

Outer Jacket Ripcord: Yes

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
5.0	2.4

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 0.357 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 114 lbs/1000 ft.

Max. Recommended Pulling Tension: 338 lbs.

Min. Bend Radius (Install)/Minor Axis: 3.500 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3
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):	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

Flame Test

UL Flame Test:	UL1685 UL Loading
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Plenum/Non-Plenum

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

Nom. Inductance:

Inductance (µH/ft)
0.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
32

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.56

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
21 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5002UP D15500	500 FT	59.500 LB	BLUE		4 #12 PVC FRPVC
5002UP 005500	500 FT	59.500 LB	GREEN, DARK		4 #12 PVC FRPVC
5002UP 0081000	1,000 FT	120.000 LB	GRAY		4 #12 PVC FRPVC
5002UP 008500	500 FT	59.500 LB	GRAY		4 #12 PVC FRPVC
5002UP 0091000	1,000 FT	120.000 LB	WHITE		4 #12 PVC FRPVC
5002UP 009500	500 FT	59.500 LB	WHITE		4 #12 PVC FRPVC
5002UP 0101000	1,000 FT	120.000 LB	BLACK		4 #12 PVC FRPVC
5002UP 010500	500 FT	59.500 LB	BLACK		4 #12 PVC FRPVC

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