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1-800-Belden1



General Description:

10 AWG stranded (7x18) bare copper conductors, 12 AWG bare copper ground wire, aluminum interlocked armor, .030x1A; (.76mm) XLPE insulation, PVC inner jacket, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	10	7x18	BC - Bare Copper

Total Number of Conductors: 2

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 12

Ground Wire Stranding: 7x20

Ground Wire Conductor Material: BC - Bare Copper

Ground Wire Insulation Material: Uninsulated

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
XLP - Cross Linked Polyolefin	0.762

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom Wall (mm)	Nom. Dia. (mm)
PVC	1.194	11.227

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket over Armor (y/n): Y

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: .667

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black

2	White
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Overall Nominal Diameter: 19.380 mm

Mechanical Characteristics (Overall)

Wet Temperature Range: -40°C To +90°C

Dry Temperature Range: -40°C To +90°C

Non-UL Temperature Rating: 90°C Wet/Dry

Bulk Cable Weight: 413.720 Kg/Km

Max. Recommended Pulling Tension: 738.401 N

Min. Bend Radius/Minor Axis: 231.140 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification: C22.2 #131; Hazardous Location; C22.2 #0.3 Clause 4.31 Low Acid Gas

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): 01/01/2006

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

CSA Flame Test: FT4

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

3.37943

Max. Operating Voltage - Non-UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

30 Amps per conductor @ 30°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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