

For more Information
please call

1-800-Belden1



General Description:

16 AWG stranded (7x24) bare copper conductors, 16 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
10	16	7x24	BC - Bare Copper

Total Number of Conductors: 10

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 16

Ground Wire Stranding: 7x24

Ground Wire Conductor Material: BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
XLPE - Cross Linked Polyethylene

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (mm)
15.494

Outer Jacket over Armor (y/n): Y

Outer Jacket over Armor

Outer Jacket Material over Armor (y/n): PVC - Polyvinyl Chloride

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: .81

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	White and Numbered 1

2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4
5	Black and Numbered 5
6	Black and Numbered 6
7	Black and Numbered 7
8	Black and Numbered 8
9	Black and Numbered 9
10	Black and Numbered 10

Overall Nominal Diameter: 23.368 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: 613.138 Kg/Km

Max. Recommended Pulling Tension: 809.572 N

Min. Bend Radius/Minor Axis: 276.860 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification: C22.2#239, HAZ LOC, 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 - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

13.7802

Max. Operating Voltage - Non-UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

7 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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