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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
15	16	7x24	BC - Bare Copper

Total Number of Conductors: 15

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)
17.272

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: .88

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
11	Black and Numbered 11
12	Black and Numbered 12
13	Black and Numbered 13
14	Black and Numbered 14
15	Black and Numbered 15

Overall Nominal Diameter: 25.400 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: 747.076 Kg/Km

Max. Recommended Pulling Tension: 1174.320 N

Min. Bend Radius/Minor Axis: 302.260 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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