



**Picture
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1-800-Belden1



General Description:

14 AWG stranded (19x26) bare copper conductors, PVC/Nylon insulation, HDPE jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	14	19x26	BC - Bare Copper

Total Number of Conductors: 1

Ground Wire

Ground Wire (Y/N): N

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC/Nylon - Polyvinyl Chloride/Nylon	0.5334

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
HDPE - High Density Polyethylene	0.762

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black

Overall Nominal Diameter: 6.350 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 43.158 Kg/Km

Max. Recommended Pulling Tension: 244.651 N

Min. Bend Radius/Minor Axis: 63.500 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

IMSA Specification: 51-5

Suitability

Suitability - Outdoor: Yes

METRIC MEASUREMENT VERSION

580263 Multi-Conductor - Spec 51-5 Loop Detector Wire

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)

8.8587

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
580263 0105000	5,000 FT	145.000 LB	BLACK	C 4	#14 STR PVC/NYL HDPE

Notes:

C = CRATE REEL PUT-UP.

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