

9803 Multi-Conductor - Direct Burial Cable, 2 Conductors Cabled



For more Information
please call

1-800-Belden1



General Description:

20 AWG solid TC conductors, conductors cabled, polypropylene insulation, overall Beldfoil® shield (100% coverage), 22 AWG solid TC drain wire, HDPE jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	20	Solid	TC - Tinned Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.3302

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Solid	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
HDPE - High Density Polyethylene	0.889

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	White
2	Black
3	Red

Overall Nominal Diameter: 5.207 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	34.229 Kg/Km
Max. Recommended Pulling Tension:	165.473 N
Min. Bend Radius/Minor Axis:	57.150 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes

METRIC MEASUREMENT VERSION

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MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

75.463

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

137.802

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

34.4505

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

39.372

Max. Operating Voltage - Non-UL:

Voltage

350 V RMS

Max. Recommended Current:

Current

3.9 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9803 0101000	1,000 FT	24.000 LB	BLACK	C	3 #20 PP SH PE

Notes:

C = CRATE REEL PUT-UP.

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