



Part Number: 9803

Direct Burial Cable, 2 Conductors Cabled

Product Description

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

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
20	Solid	TC - Tinned Copper	3
Total Number of Conductors:			3

Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.013 in

Color Chart 1:

Number	Color
1	White
2	Black
3	Red

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	Beldfoil®	100 %	TC - Tinned Copper	22	Solid mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
HDPE - High Density Polyethylene	0.205 mm	0.035 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10.5 Ohm/km	12 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
23 pF/m	42 pF/m

Current:

Max. Recommended Current [A]
3.9 Amps per conductor @ 25°C

Voltage:

Non-UL Voltage Rating
350V RMS

Use

Max Recommended Pulling Tension:	37.2 lbs
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Safety

Temperature Range

Operating Temp Range:	-40°C To +80°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

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