



**Part Number:** 9802

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	2
Total Number of Conductors:			2

#### Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.013 in

#### Color Chart 1:

Number	Color
1	White
2	Black

#### Outersheild 1:

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

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
HDPE - High Density Polyethylene	0.19 in	0.035 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10.5 Ohm/1000ft	12 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31.6 pF/ft	42 pF/ft

### Impedance:

Nominal Characteristic Impedance
54 Ohm

### Current:

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

### Inductance:

Nominal Inductance
0.18 µH/ft

### Voltage:

Non-UL Voltage Rating
350 V RMS

## Use

Max Recommended Pulling Tension:	24.8 lbs
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## Safety

## Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-40°C To +80°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2 in
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Part Number

Plenum (Y/N):	No
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Standards

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

History

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