



**Part Number:** 9890  
Direct Burial Cable

## 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	10
<b>Total Number of Conductors:</b>			10

#### Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.013 in

#### Color Chart 1:

Color
Black
White
Red
Green
Brown
Blue
Orange
Yellow
Purple
Gray

**Outershield 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	0.31 mm	0.04 mm

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR	Nominal Outer Shield DCR
10.5 Ohm/km	11 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]
2.7 Amps per conductor @ 25°C

**Voltage:**

Non-UL Voltage Rating
350V RMS

**Use**

Max Recommended Pulling Tension:	124 lbs
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## Safety

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### Temperature Range

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

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Min Bend Radius/Minor Axis:	3.25 in
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### Part Number

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Plenum (Y/N):	No
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### Standards

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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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