



Part Number: 9894

Direct Burial Cable, 15 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	15
Total Number of Conductors:			15

Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.013 in

Color Chart 1:

Color
Black
White
Red
Green
Orange
Blue
White w/Black Stripe
Red w/Black Stripe
Green w/Black Stripe
Orange w/Black Stripe
Blue w/Black Stripe
Black w/White Stripe
Red w/White Stripe
Green w/White Stripe
Blue w/White Stripe

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	0.39 mm	0.045 mm

Electrical Characteristics

Conductor DCR:

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

Voltage:

Non-UL Voltage Rating

350V RMS

Use

Max Recommended Pulling Tension: 186 lbs

Safety

Temperature Range

Operating Temp Range: -40°C To +80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis: 4 in

Part Number

Plenum (Y/N): No

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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