

## 9894 Multi-Conductor - Direct Burial Cable, 15 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
15	20	Solid	TC - Tinned Copper

Total Number of Conductors: 15

#### 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	1.143

#### Overall Cable

##### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 9.906 mm

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### Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	132.450 Kg/Km
Max. Recommended Pulling Tension:	827.365 N
Min. Bend Radius/Minor Axis:	101.600 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
MII Order #39 (China RoHS):	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### 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)
34.4505

#### Max. Operating Voltage - Non-UL:

Voltage
350 V RMS

#### Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9894 0101000	1,000 FT	96.000 LB	BLACK	C	15 #20 PP SHLD PE

#### Notes:

C = CRATE REEL PUT-UP.

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