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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
10	20	Solid	TC - Tinned Copper

Total Number of Conductors: 10

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.013

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	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 (in.)
HDPE - High Density Polyethylene	.040

Overall Cable

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green
Brown
Blue
Orange
Yellow
Purple
Gray

Overall Nominal Diameter: 0.310 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	60 lbs/1000 ft.
Max. Recommended Pulling Tension:	124 lbs.
Min. Bend Radius/Minor Axis:	3.250 in.

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
MIL 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/ft)
23

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
42

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
11

Max. Operating Voltage - Non-UL:

Voltage
350 V RMS

Max. Recommended Current:

Current
2.7 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9890 0101000	1,000 FT	65.000 LB	BLACK	C	10 #20 PP SHLD PE
9890 010500	500 FT	33.000 LB	BLACK	C	10 #20 PP SHLD PE

Notes:

C = CRATE REEL PUT-UP.

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