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please call

1-800-Belden1



### General Description:

20 AWG stranded (26x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (75% coverage), paper tape, CPE jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	20	26x34	High Conductivity TC - Tinned Copper	0.9398

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	2.972

#### Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Serve	Conductive Textile	100
2	Spiral Serve	TC - Tinned Copper	75
3	Tape	Paper	100

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Neoprene

#### Overall Cable

Overall Nominal Diameter: 5.969 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	50.599 Kg/Km
Max. Recommended Pulling Tension:	57.827 N
Min. Bend Radius/Minor Axis:	63.500 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):	04/01/2005
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

## Electrical Characteristics (Overall)

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
40

**Nom. Capacitance Conductor to Shield:**

**Capacitance (pF/m)**  
147.645

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
33.4662

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/km)**  
38.0596

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

**Voltage**  
300 V RMS

**Max. Recommended Current:**

**Current**  
4 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9778 0101000	1,000 FT	36.000 LB	CHROME		1 #20 EPDM SH CPE

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