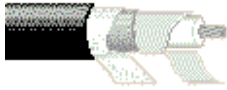


## 9778 Coax - Single-Conductor, High-Impedance Cable

For more Information  
please call

1-800-Belden1



### 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. (in.)
1	20	26x34	High Conductivity TC - Tinned Copper	.037

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.040	.117

#### 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	Nom. Wall Thickness (in.)
Neoprene	.050

#### Overall Cable

Overall Nominal Diameter: 0.235 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	34 lbs/1000 ft.
Max. Recommended Pulling Tension:	13 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.400 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

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CA Prop 65 (CJ for Wire & Cable): Yes

MII 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/ft)  
45

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
10.2

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
11.6

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

Voltage  
300 V RMS

#### Max. Recommended Current:

Current  
4 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9778 0101000	1,000 FT	37.000 LB	CHROME		1 #20 EPDM SH CPE

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