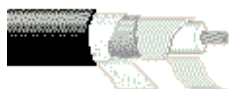


## 9778 Coax - Single-Conductor, High-Impedance Cable



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

Total Number of Conductors: 1

**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/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

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EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; 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

## 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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