

9778 Coax - Single-Conductor, High-Impedance Cable



For more Information
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. (in.)
1	20	26x34	High Conductivity TC - Tinned Copper	.037

Total Number of Conductors: 1

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	0.117

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
Neoprene

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:	2.500 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):	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

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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	36.000 LB	CHROME		1 #20 EPDM SH CPE

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