

9104R Coax - Broadband Coax CATV Cable

For more Information
please call

1-800-Belden1

**Description:**

20 AWG solid .032" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II and a 67% aluminum braid shield, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	Solid	BCCS - Bare Copper Covered Steel	.032

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.144

Outer Shield**Outer Shield Material:**

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	67

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
F-R PVC - Flame Retardant Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.237 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

Bulk Cable Weight: 22 lbs/1000 ft.

Max. Recommended Pulling Tension: 104 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CATVR, CMR, CMG

CEC/C(UL) Specification: CMG

Series Type: Series 59

Flame Test

UL Flame Test: UL 1666 Vertical Riser

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)	Tolerance (Ohms)
75	+/- 3

Nom. Inductance:

Inductance (µH/ft)

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.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.2

Nominal Velocity of Propagation:

VP (%)
83

Nominal Delay:

Delay (ns/ft)
1.2

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
44.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
12

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
5	0.89
55	1.95
211	3.59
270	4.05
300	4.27
350	4.64
400	4.88
450	5.30
550	5.90
750	6.96
870	7.54
1000	8.09

Max. Operating Voltage - UL:

Voltage
300 V RMS

Minimum Structural Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
		5	1000	20

Sweep Test

Sweep Testing: 5 MHz - 1 GHz

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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