

**9292 Coax - 75 Ohm Coax**



For more Information  
 please call  
 1-800-Belden1



**Description**

14 AWG solid .064" bare copper conductor, gas-injected foam HDPE insulation, Duofoil® + tinned copper braid shield (60% coverage), PVC jacket.

**Physical Characteristics (Overall):**

**Conductor:**

AWG

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BC - Bare Copper	0.064

**Insulation:**

Insulation Material

Ins Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	0.280

**Outer Shield:**

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	60

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cabling:**

Overall Nominal Diameter: .405 in.

**Mechanical Characteristics (Overall):**

Operating Temperature Range -40°C To +80°C

Non-UL Temperature Rating 80°C

Bulk Cable Weight: 81 lbs/1000 ft.

Max. Recommended Pulling Tension: 98 lbs.

Min. Bend Radius (Install): 4.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

EU CE Mark (Y/N) Yes

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy) 01/01/2004

RG Type 11/U

**Suitability:**

Suitability - Indoor Yes

Suitability - Outdoor Yes

**Plenum/Non-Plenum:**

Plenum (Y/N) N

Plenum Number 89292

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

Impedance (Ohm)
75.000

Nom. Inductance

Inductance (µH/ft)
0.097

Nom. Capacitance Conductor to Shield

Capacitance (pF/ft)
16.100

Nominal Velocity of Propagation

VP (%)
84

Nominal Delay

Delay (ns/ft)
1.200

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
2.600

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	1.000			0.200
	10.000			0.500
	50.000			0.900
	100.000			1.300
	200.000			1.600
	400.000			2.300
	700.000			3.300
	900.000			4.000
	1000.000			4.300

Max. Operating Voltage - Non-UL

Voltage
300 V RMS

Typical Structural Return Loss

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Typical SRL (dB)
		5.000	450.000	23.000

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
3.000

**Notes (Overall):**

Notes 100% Sweep tested 5 MHz to 450 MHz.

**PUT UPS AND COLORS:**

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
9292 0101000	1,000 FT	75.000 LB	BLACK	C	SERIES 11 75 OHM COAX. BLK

**Notes:**

C = CRATE REEL PUT-UP.

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