

## 9192 Coax - RG-11/U Type

For more Information  
please call

1-800-Belden1

**Description:**

15 AWG stranded (19x27) .064" bare copper conductor, foam HDPE insulation, bare copper braid shields (90% coverage), PVC jacket (polyethylene insulation between braids).

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

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	15	19x27	BC - Bare Copper	.064

**Insulation****Insulation Material:**

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.312

**Inner Shield****Inner Shield Material:**

Type	Inner Shield Material	Coverage (%)
Braid	BC - Bare Copper	90

**Inner Jacket****Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	.391

**Outer Shield****Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	82

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**

Overall Nominal Diameter: 0.520 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -40°C To +75°C

UL Temperature Rating: 60°C, 80°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 139 lbs/1000 ft.

Max. Recommended Pulling Tension: 239 lbs.

Min. Bend Radius (Install)/Minor Axis: 5.500 in.

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

NEC/(UL) Specification:	CL2X
AWM Specification:	UL Style 1641 (30 V 80°C)
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
RG Type:	11/U

**Flame Test**

UL Flame Test:	UL1685 UL Loading, VW-1
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**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black for Permanent Outdoor Installations; All Colors Suitable for Outdoor Field Deployable Use.

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Characteristic Impedance:**

Impedance (Ohm)
75

**Nom. Inductance:**

Inductance (µH/ft)
0.097

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)
17.3

**Nominal Velocity of Propagation:**

VP (%)
78

**Nominal Delay:**

Delay (ns/ft)
1.30

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
3.1

**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
1.6

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
1.6

**Nom. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.100
3.600	0.300
10.000	0.500

71.500	1.200
135.000	1.800
270.000	2.600
360.000	3.100
540.000	3.900
720.000	4.700
750.000	4.800
1000.000	5.700

**Max. Operating Voltage - UL:**

Voltage
150 V RMS
30 V RMS

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

Voltage
300 V RMS

**Other Electrical Characteristic 1:** Nominal Capacitance 1st Shield to 2nd Shield: 205 pF/ft.

**Other Electrical Characteristic 2:** Nominal Voltage Breakdown: 20K V RMS

**Minimum Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	850	21

**Sweep Test**

**Sweep Testing:** 100% sweep tested 5 MHz to 850 MHz.

**Misc. Information (Overall)****Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9192 0041000	1,000 FT	147.000 LB	YELLOW	C	75 OHM TRIAX

**Notes:**

C = CRATE REEL PUT-UP.

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