

## 9011 Coax - CATV Cable



For more Information  
please call

1-800-Belden1



### General Description:

Series 11, 14 AWG solid .064" BCCS conductor, gas-injected foam polyethylene insulation, Duofoil® (100% coverage) + aluminum braid shield (40% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BCCS - Bare Copper Covered Steel	.064

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.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	AL - Aluminum	40

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.400 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Bulk Cable Weight:	60 lbs/1000 ft.
Max. Recommended Pulling Tension:	187 lbs.
Min. Bend Radius/Minor Axis:	4 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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
MIL Order #39 (China RoHS):	Yes
Series Type:	Series 11

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

**Impedance (Ohm)**

75

**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)**

11.0

**Nominal Outer Shield DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

5.3

**Max. Attenuation:**

Freq. (MHz)	Attenuation (dB/100 ft.)
5	0.38
55	0.97
211	1.81
270	2.05
300	2.15
350	2.32
400	2.47
450	2.65
550	2.94
750	3.50
870	3.84
1000	4.23

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

300 V RMS

**Minimum Structural Return Loss:**

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

**Notes (Overall)**

**Notes:** Sweep tested 5 MHz to 1 GHz.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9011 0101000	1,000 FT	70.000 LB	BLACK		#14 GIFPE SH FRPVC

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