

## 1619AM Coax - CATV Cable

 For more Information  
 please call

1-800-Belden1

**General Description:**

Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® IV quad shield (60% and 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	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100.000
2		Braid	AL - Aluminum	60.000
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100.000
4		Braid	AL - Aluminum	40.000

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

Outer Jacket Material
PVC - Polyvinyl Chloride

**Messenger**
**Messenger Diameter:** 0.072 in.

**Messenger Material:** Galvanized Steel
**Overall Cable**
**Overall Nominal Diameter:** 0.407 x 0.560 in.
**Mechanical Characteristics (Overall)**
**Operating Temperature Range:** -40°C To +80°C

**Bulk Cable Weight:** 77 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 220 lbs.

**Min. Bend Radius/Minor Axis:** 4.500 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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

Series Type: Series 11

**Plenum/Non-Plenum**

Plenum (Y/N): No

**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)

16.2

**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)

3

**Max. Attenuation:**

Freq. (MHz) Attenuation (dB/100 ft.)

5	.38
55	.97
211	1.81
270	2.05
300	2.15
350	2.32
400	2.47
450	2.65
550	2.94
750	3.5
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
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## Notes (Overall)

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

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1619AM 0101000	1,000 FT	85.000 LB	BLACK		#14 GIFHDLDPE DBLSH PVC W/MSGR

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