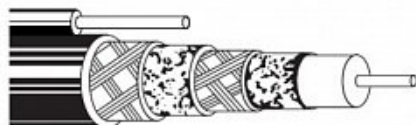


1619AM Coax - CATV Cable

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. (mm)
1	14	Solid	BCCS - Bare Copper Covered Steel	1.6256

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FPE - Foam Polyethylene	7.112

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 mm

Messenger Material: Galvanized Steel

Overall Cable

Overall Nominal Diameter: 10.338 x 14.224 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 114.591 Kg/Km

Max. Recommended Pulling Tension: 978.604 N

Min. Bend Radius/Minor Axis: 114.300 mm

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
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Series Type:	Series 11
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Plenum/Non-Plenum

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

Impedance (Ohm)

75.000

Nom. Inductance:

Inductance (μH/m)

0.318257

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

53.1522

Nominal Velocity of Propagation:

VP (%)

83

Nominal Delay:

Delay (ns/m)

3.9372

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

36.091

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

9.843

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
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5	1.24678
---	---------

55	3.18257
----	---------

211	5.93861
-----	---------

270	6.72605
-----	---------

300	7.05415
-----	---------

350	7.61192
-----	---------

400	8.10407
-----	---------

450	8.69465
-----	---------

550	9.64614
-----	---------

750	11.4835
-----	---------

870	12.599
-----	--------

1000	13.8786
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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)
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		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

Revision Number: 1 Revision Date: 10-15-2012

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