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1-800-Belden1



General Description:

Surveillance, CATV & MATV Cable, RG11, Plenum-CMP & CATVP, 14 AWG solid bare copper, foamed FEP core, Duofoil®+60% aluminum braid, PVDF jacket

Usage (Overall)

Suitable Applications: CATV, MATV

Physical Characteristics (Overall)

Conductor

AWG:

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

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.274

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	60

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVDF - Fluorocopolymer

Overall Cable

Overall Nominal Diameter: 0.348 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +150°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 59 lbs/1000 ft.

Max. Recommended Pulling Tension: 107 lbs.

Min. Bend Radius/Minor Axis: 3.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP, CATVP

NEC Articles: 820

CEC/C(UL) Specification: CMP

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

6139B8 Coax - Commercial CATV or MATV Applications

MII Order #39 (China RoHS): Yes

RG Type: 11/U

Series Type: Series 11

Flame Test

UL Flame Test: NFPA 262

C(UL) Flame Test: FT6

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (µH/ft)

.106

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.1

Nominal Velocity of Propagation:

VP (%)

84

Nominal Delay:

Delay (ns/ft)

1.21

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.6

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.8

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.17
10	.40
50	1.0
100	1.4
200	2.3
400	3.7
700	5.3
900	6.4
1000	6.9

Max. Operating Voltage - UL:

Voltage

300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6139B8 0091000	1,000 FT	66.000 LB	WHITE	C	RG-11/U PLENUM COAX

Notes:

C = CRATE REEL PUT-UP.

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