

6139B8 Coax - Commercial CATV or MATV Applications



For more Information
please call

1-800-Belden1

**Description:**

14 AWG solid BC conductor, foam FEP insulation, foil plus aluminum braid shield(s) as indicated, fluorocopolymer jacket, sequential footage marking every two feet.

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 (Install)/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 CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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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
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
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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

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Max. Operating Voltage - UL:

Voltage
300 V RMS

Related Documents:

No related documents are available for this product

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.

Revision Number: 1 Revision Date: 04-14-2009

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