Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5339B5 Coax - CATV and MATV Applications

For more Information please call

1-800-Belden1



General Description:

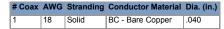
Surveillance, CATV & MATV Cable, RG6, Rated-CM, 18 AWG solid bare copper, foamed polyolefin core, Duofoil®+60% aluminum braid, PVC jacket

1

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.180

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 PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.266 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	28 lbs/1000 ft.
Max. Recommended Pulling Tension:	68 lbs.
Min. Bend Radius/Minor Axis:	2.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
NEC Articles:	820
CEC/C(UL) Specification:	CM
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):	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
MII Order #39 (China RoHS):	Yes
RG Type:	6/U

Page 1 of 3 08-26-2016

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5339B5 Coax - CATV and MATV Applications

	Series Type:	Series 6		
Fla	Flame Test			
	UL Flame Test:	UL1685 UL Loading		
	C(UL) Flame Test:	FT1		
Plenum/Non-Plenum				
	Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance	(Ohm)
75	

Nom. Inductance:

Inductance (µH/ft) .097

Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:

VP (%) 83

Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
9

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
5	.81
55	1.60
211	3.08
270	3.50
300	3.70
330	3.89
400	4.30
450	4.58
550	5.09
750	6.00
870	6.50
1000	7.00

Max. Operating Voltage - UL:

Voltage 350 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5339B5 009U1000	1,000 FT	28.000 LB	WHITE		RG-6/U COAX
5339B5 009U500	500 FT	15.000 LB	WHITE		RG-6/U COAX
5339B5 0091000	1,000 FT	29.000 LB	WHITE		RG-6/U COAX
5339B5 009500	500 FT	15.000 LB	WHITE		RG-6/U COAX
5339B5 010U1000	1,000 FT	28.000 LB	BLACK		RG-6/U/COAX
5339B5 010500	500 FT	15.000 LB	BLACK		RG-6/U COAX

Revision Number: 1 Revision Date: 03-11-2013

© 2016 Belden, Inc All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether

Page 2 of 3

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5339B5 Coax - CATV and MATV Applications

In an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

Page 3 of 3