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

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)	
1	18	Solid	BC - Bare Copper	.040	

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®	Таре	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

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	Series Type:	Series 6
Fla	me Test	
	UL Flame Test:	UL1685 UL Loading
	C(UL) Flame Test:	FT1
Ple	num/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:



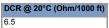
Nominal Velocity of Propagation:

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

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