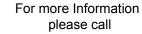
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



5339Q5 Coax - CATV and MATV Applications



1-800-Belden1



General Description:

Surveillance, CATV & MATV Cable, RG6, Rated-CM, 18 AWG solid bare copper, foamed polyolefin core, Quad Shield-Duofoil®+60% aluminum braid+Duofoil®+40% aluminum braid, PVC jacket

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	18	Solid	BC - Bare Copper	1.016

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FPE - Foam Polyethylene	4.572

Outer Shield

Outer Shield Material:

Layer #	Layer # Outer Shield Trade Name		Outer Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
4		Braid	AL - Aluminum	40

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 7.569 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	50.599 Kg/Km
Max. Recommended Pulling Tension:	462.613 N
Min. Bend Radius/Minor Axis:	76.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
NEC Articles:	800, 820
CEC/C(UL) Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

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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
Other Specification:	NEC/UL type CATV
RG Type:	6/U
Series Type:	Series 6
ame Test	
UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT1
lenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	6339Q8

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 22.967

Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
5	2.65761
55	5.2496
211	10.1055
270	11.4835
300	12.1397
330	12.7631
400	14.1083
450	15.027
550	16.7003

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METRIC MEASUREMENT VERSION



5339Q5 Coax - CATV and MATV Applications

750	19.686	
870	21.3265	
1000	22.967	

Max. Operating Voltage - Non-UL:

Voltage 350 Vrms

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5339Q5 009U1000	1,000 FT	37.000 LB	WHITE	С	RG-6 QUAD SHIELD COAX
5339Q5 009U500	500 FT	19.000 LB	WHITE		RG-6 QUAD SHIELD COAX
5339Q5 0091000	1,000 FT	37.000 LB	WHITE	С	RG-6 QUAD SHIELD COAX
5339Q5 010U1000	1,000 FT	37.000 LB	BLACK		RG-6 QUAD SHIELD COAX
5339Q5 0101000	1,000 FT	37.000 LB	BLACK	С	RG-6 QUAD SHIELD COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-13-2013

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