



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, 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: 1

Insulation

Insulation Material:

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

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
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

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

Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6339Q8

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/m)
0.318257

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
53.4803

Nominal Velocity of Propagation:

VP (%)
83

Nominal Delay:

Delay (ns/m)
3.97001

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

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
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	C	RG-6 QUAD SHIELD COAX
5339Q5 009U500	500 FT	19.000 LB	WHITE		RG-6 QUAD SHIELD COAX
5339Q5 009I1000	1,000 FT	37.000 LB	WHITE	C	RG-6 QUAD SHIELD COAX
5339Q5 010U1000	1,000 FT	37.000 LB	BLACK		RG-6 QUAD SHIELD COAX
5339Q5 010I1000	1,000 FT	37.000 LB	BLACK	C	RG-6 QUAD SHIELD COAX

Notes:

C = CRATE REEL PUT-UP.

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

© 2017 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 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).

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Coaxial Cables](#) category:

Click to view products by [Belden](#) manufacturer:

Other Similar products are found below :

[89880-003-1000](#) [CY2389-000](#) [8221-010-U1000](#) [9116-010-U500](#) [1322R-010-1000](#) [1807A-B59-U1000](#) [2020K8421-9X-CS3417](#) [9251-010-1000](#) [9275-010-U1000](#) [935240-000](#) [980704-001](#) [CF2823-000](#) [33312-010-500](#) [CZ1589-000](#) [5022W0809-0CS3263](#) [10610-4-4](#) [EF8108-000](#) [1673B TIN100](#) [672525-001](#) [144517-000](#) [735A1-008-1000](#) [8212-010-U500](#) [480414-000](#) [7915A 009U1000](#) [5024A1311-0](#) [1281S5 010250](#) [1530A 010U1000](#) [9248 010U1000](#) [9244 0101000](#) [1694A 0081000](#) [1190A 0101000](#) [8241F J5C1000](#) [1674A TIN50](#) [7915A 0091000](#) [TRCH-50-2](#) [9066 0031000](#) [7805R 008100](#) [1674A TIN100](#) [9116SB 0101000](#) [9271 0061000](#) [1613A 0101000](#) [1807A B591000](#) [5339Q5 009U500](#) [539945 0091000](#) [9116R 0101000](#) [89207 010100](#) [9058 0101000](#) [8241A 0101000](#) [DA7805R 0101000](#) [C6424](#)