

**Detailed Specifications & Technical Data**



**5339Q5 Coax - New Generation®**

	<p><b>For more information please call</b>  <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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**Description:**

Bare copper conductor, foam polyolefin insulation, foil plus braid shields, PVC jacket. Sequential footage marking every two feet.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Coax	1
Total Number of Conductors	1
RG Type	6/U
Series Type	Series 6
AWG	18
Stranding	Solid
Conductor Diameter	.040 in.
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	Gas-injected FPE - Foam Polyethylene
Insulation Diameter	.180 in.

**OUTER SHIELD:**

Outer Shield Material Trade Name	Duofoil®
Outer Shield Type	Tape/Braid/Tape/Braid

Outer Shield Material :

Layer Number	Trade Name	Type	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 Shield % Coverage	100 %
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**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
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**OVERALL NOMINAL DIAMETER:**

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Overall Nominal Diameter	.298 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +80°C
UL Temperature Rating	75°C
Bulk Cable Weight	34 lbs/1000 ft.
Max. Recommended Pulling Tension	104 lbs.
Min. Bend Radius (Install)	3 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CM
NEC Articles	820
CEC/C(UL) Specification	CM

**FLAME TEST:**

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT1

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	6339Q8

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.097 µH/ft
Nom. Capacitance Conductor to Shield	16.3 pF/ft
Nominal Velocity of Propagation	83 %
Nominal Delay	1.21 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	7 Ohms/1000 ft
Max. Attenuation :	

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	5			.81
	55			1.6
	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 350 V RMS

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5339Q5 0091000	RG-6 QUAD SHIELD COAX	1000	37	WHITE	C
5339Q5 009U1000	RG-6 QUAD SHIELD COAX	U1000	37	WHITE	C
5339Q5 009U500	RG-6 QUAD SHIELD COAX	U500	19	WHITE	
5339Q5 0101000	RG-6 QUAD SHIELD COAX	1000	38	BLACK	C
5339Q5 010U1000	RG-6 QUAD SHIELD COAX	U1000	38	BLACK	
5339Q5 010U500	RG-6 QUAD SHIELD COAX	U500	19.5	BLACK	

C = CRATE REEL PUT-UP.

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