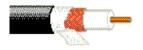
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5339X5 Coax - Surveillance and CCTV Applications



For more Information please call

1-800-Belden1



Description:

18 AWG solid bare copper conductor, gas-injected foam polyethylene insulation, bare copper braid shield (95% coverage), water resistant tape, PVC jacket.

Usage (Overall)					
Suitable Applications:	Low Voltage, CCTV, Sunlight Resistant, Moisture Resistant				
Physical Characteristics (Overall)					
Conductor AWG:					
# Coax AWG Stranding Conductor Material Dia. 1 18 Solid BC - Bare Copper .040					
Insulation Insulation Material:					
Insulation MaterialDia. (in.)Gas-injected FPE - Foam Polyethylene.180					
Outer Shield Outer Shield Material:					
TypeOuter Shield MaterialCoverage (%)BraidBC - Bare Copper95					
Outer Jacket Outer Jacket Material:					
Outer Jacket Material PVC - Polyvinyl Chloride					
Outer Jacket over Armor					
Outer Separator Material Under Jacket:	Water resistant tape (over braid, under jacket)				
Overall Cable					
•	Water resistant tape (over braid, under jacket) 0.279 in.				
Overall Cable Overall Nominal Diameter:					
Overall Cable Overall Nominal Diameter:					
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall)	0.279 in.				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range:	0.279 in. -30°C To +75°C				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range: UL Temperature Rating:	0.279 in. -30°C To +75°C 75°C				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight:	0.279 in. -30°C To +75°C 75°C 38 lbs/1000 ft.				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency C	0.279 in. -30°C To +75°C 75°C 38 lbs/1000 ft. 69 lbs. 2.750 in. Compliance (Overall)				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency C Applicable Standards & Environmental Pro	0.279 in. -30°C To +75°C 75°C 38 lbs/1000 ft. 69 lbs. 2.750 in. Compliance (Overall) ograms				
Overall Cable Overall Nominal Diameter: Mechanical Characteristics (Overall) Operating Temperature Range: UL Temperature Rating: Bulk Cable Weight: Max. Recommended Pulling Tension: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency C Applicable Standards & Environmental Pro NEC/(UL) Specification:	0.279 in. -30°C To +75°C 75°C 38 lbs/1000 ft. 69 lbs. 2.750 in. Compliance (Overall) ograms CM				
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Detailed Specifications & Technical Data



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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):	04/25/2006
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
Series Type:	Series 6
Flame Test	
UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT1
Suitability	
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes
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:	

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.3

Nominal Velocity of Propagation:

VP (%) 83

Nominal Delay:

Delay (ns/ft) 1.21

1.21

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100 ft.)

ľ	1	.24
F	10	.72
1	50	1.5
Ī	100	2.0
1	200	2.9
4	400	4.2
		1



ENGLISH MEASUREMENT VERSION

5339X5 Coax - Surveillance and CCTV Applications

700	5.6
900	6.4
1000	7.0

Max. Operating Voltage - UL:

Voltage

300 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5339X5 0101000	1,000 FT	42.000 LB	BLACK	С	RG-6/U COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 01-07-2011

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