Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



549945 Composite - CCTV Plus Audio or Power or Pan and Tilt CCTV Control Applications



For more Information please call

1-800-Belden1



General Description:

5.000

2.133

PTZ (CCTV+Power/Audio) Cable, Rated-CMG, 1-RG59 20 AWG solid bare copper with foam polyolefin, 95% bare copper braid, 1-18 AWG stranded bare copper pair with polyolefin insulation, Siamese with PVC jacket

Usage (Overall)	
Suitable Applications:	CCTV plus Audio, Pan and Tilt CCTV Control
оппавне Аррисацоно.	COTY plus Audio, Fait and Till COTY Conitor
Coax	
Physical Characteristics	
Conductor AWG:	
# Coax AWG Stranding Conductor Material Dia. (mm)	
1 20 Solid BC - bare Copper 0.813	
Insulation Insulation Material:	
Insulation Material Dia. (mm)	
Gas-injected FHDPE - Foam High Density Polyethylene 3.683	
Inner Shield Inner Shield Material:	
Type Inner Shield Material % Coverage (%)	
Braid BC - Bare Copper 95.000	
Applicable Specifications and Agency Compliance	
Applicable Standards & Environmental Programs	
EU CE Mark:	Yes
RG Type:	59/U
Electrical Characteristics	
Nom. Characteristic Impedance:	
Impedance (Ohm) 75	
Nom. Inductance:	
Inductance (µH/m)	
0.318	
Nom. Capacitance Conductor to Shield:	
Capacitance (pF/m) 53.480	
Nominal Velocity of Propagation:	
VP (%) 83.000	
Nominal Delay:	
Delay (ns/m) 4.003	
Nom. Conductor DC Resistance:	
DCR @ 20°C (Ohm/km) 32.810	
Nom. Inner Shield DC Resistance:	
DCR @ 20°C (Ohm/km) 11.484	
Nom. Attenuation:	
Freq. (MHz) Attenuation (dB/100m)	

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10.000	2.953
50.000	6.234
100.000	8.531
200.000	11.812
400.000	16.405
700.000	22.967
900.000	26.248
1000.000	27.889

Max. Operating Voltage - UL:

350 V RMS

Twisted Pair

Physical Characteristics

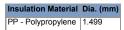
Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (mm)
1	18	7x26	BC - Bare Copper	1.168

Insulation

Insulation Material:



Twisted Pair Color Code Chart:



Electrical Characteristics

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

Physical Characteristics (Overall)

Conductor

Outer Shield

Outer Shield Material:

Outer Shield Material Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter:

UL Temperature Rating:

Mechanical Characteristics (Overall) Operating Temperature Range:

5.893 x 11.430 mm

-30°C To +80°C

75°C

Max. Recommended Pulling Tension:	453.716 1

Bulk Cable Weight: 80.363 Kg/Km N Min. Bend Radius/Minor Axis: 63.500 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

pp	
NEC/(UL) Specification:	CMG
NEC Articles:	800
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

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CA Prop 65 (CJ for Wire & Cable):	Yes			
MII Order #39 (China RoHS):	Yes			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
C(UL) Flame Test:	FT4			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Suitability - Aerial:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Plenum Number:	649948			

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
549945 0091000	305 MT	24.041 KG	WHITE	С	1 #18 PR, 1 RG-59/U COAX
549945 009500	152 MT	12.927 KG	WHITE	С	1#18,1RG-59/U COAX
549945 0101000	305 MT	24.041 KG	BLACK	С	1#18,1RG-59/U COAX
549945 010500	152 MT	12.927 KG	BLACK	С	1#18,1RG-59/U COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 5 Revision Date: 03-13-2013

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product. ÉBelden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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AMEYA360 Components Supply Platform

Authorized Distribution Brand:

























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