Detailed Specifications & Technical Data

ENGLISH 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:

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
Coox	
Coax Physical Characteristics Conductor AWG: # Coax AWG Stranding Conductor Material Dia. (in.) 1 20 Solid BC - bare Copper 0.032	
Insulation Insulation Material: Insulation Material Gas-injected FHDPE - Foam High Density Polyethylene 0.145	
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
Rectrical Characteristics Nom. Characteristic Impedance: Impedance (Ohm) 75	
3.500 Nom. Attenuation:	
Freq. (MHz) Attenuation (dB/100 ft.) 1.000 0.300 5.000 0.650	
0.000	

Page 1 of 3 11-05-2015

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



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

10.000	0.900
50.000	1.900
100.000	2.600
200.000	3.600
400.000	5.000
700.000	7.000
900.000	8.000
1000.000	8.500

Max. Operating Voltage - UL:

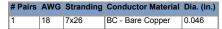
350 V RMS

Twisted Pair

Physical Characteristics

Conductor

AWG:

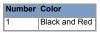


Insulation

Insulation Material:



Twisted Pair Color Code Chart:



Electrical Characteristics

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

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:

0.232 x 0.450 in

Me	Mechanical Characteristics (Overall)			
	Operating Temperature Range:	-30°C To +80°C		
	UL Temperature Rating:	75°C		
	Bulk Cable Weight:	54 lbs/1000 ft.		
	Max. Recommended Pulling Tension:	102 lbs.		
	Min. Bend Radius/Minor Axis:	2.500 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Page 2 of 3 11-05-2015

Detailed Specifications & Technical Data





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

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
549945 0091000	1,000 FT	53.000 LB	WHITE	С	1 #18 PR, 1 RG-59/U COAX
549945 009500	500 FT	28.500 LB	WHITE	С	1#18,1RG-59/U COAX
549945 0101000	1,000 FT	53.000 LB	BLACK	С	1#18,1RG-59/U COAX
549945 010500	500 FT	28.500 LB	BLACK	С	1#18,1RG-59/U COAX

Notes:

C = CRATE REEL PUT-UP.

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

© 2015 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, 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 users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product

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

Page 3 of 3 11-05-2015