



Product: <u>513945</u> ☑

Surveillance CCTV, RG-11 #14 BC, 95% BC Braid, CM

Product Description

Surveillance & CCTV Cable, RG11, Rated-CM, 14 AWG solid bare copper, foam polyolefin core, 95% bare copper braid, PVC jacket

Technical Specifications

Product Overview				
Suitable Applications:				Surveillance, CCTV Camera
Phys	ical Char	acteristics (O	verall)	
Condu	ctor			
AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1
Insulat	Material	Nominal D (Foam) 0.28 in	liameter	
Table	Notes:			Gas Injected
Outer :	Shield Mater	rial		
Type Material Coverage [%]		[%]		
Braid Bare Copper (BC) 95%				
Outer .	Jacket Mate	rial		
	Material	Nominal Dia	ameter	

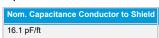
Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.405 in
	0.463 in
Weight:	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
2.6 Ohm/1000ft	2.6 Ohm/1000ft	1.2 Ohm/1000ft	1.2 Ohm/1000ft

Capacitance



Inductance

Nominal Inductance

Impedance

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.17 dB/100ft
10 MHz	0.35 dB/100ft
50 MHz	0.9 dB/100ft
100 MHz	1.3 dB/100ft
200 MHz	1.9 dB/100ft
400 MHz	2.9 dB/100ft
700 MHz	4.1 dB/100ft
900 MHz	4.8 dB/100ft
1000 MHz	5.2 dB/100ft

Delay

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
84 ns/100m	1.21 ns/ft	84%

Voltage

Non-UL Voltage Rating	UL Voltage Rating
600 V RMS	300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-30°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	82 lbs/1000ft
Max. Pull Tension:	144 lbs
Min Bend Radius/Minor Axis:	4 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	СМ
CEC/C(UL) Compliance:	СМ
CPR Euroclass:	Eca
RG Type:	11/U Type
Series Type:	11

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black only

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT1
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	613948

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
513945.00305	Black	Reel	305 m	8719605007858
513945.00500	Black	Reel	500 m	8719605007865
513945 0101000	Black	Reel	1,000 ft	612825157137

Footnote:

C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.353 Revision Date: 09-30-2020

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