


**Product:** [513945](#) 

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
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	0.064 in	1

**Insulation**

Material	Nominal Diameter
PE - Polyethylene (Foam)	0.28 in

Table Notes:	Gas Injected
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**Outer Shield**

Type	Material	Coverage [%]
Braid	Bare Copper (BC)	95%

**Outer Jacket**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.405 in
	0.463 in

Weight:	0.46 lbs
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**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**

Nom. Capacitance Conductor to Shield
16.1 pF/ft

**Inductance**

Nominal Inductance
0.106 $\mu$ H/ft

**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:	CM
CEC/C(UL) Compliance:	CM
CPR Euroclass:	Eca
RG Type:	11
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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
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

## Related Part Numbers

### Variants

Item #	Color	Put-Up 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: 0.405 Revision Date: 12-15-2021

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