



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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Construction Details

RG Type:	11
Series Type:	11

Conductor

Element	No. of Elements	Size	Stranding	Nom. Diameter	Material
Coax(es)	1	14 AWG	Solid	0.0645 in	BC - Bare Copper

Insulation

Element	Material	Nom. Insulation Diameter
Coax(es)	PE - Polyethylene (Foam)	0.280 in (7.11 mm)

Table Notes:	Gas Injected
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Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.405 in (10.3 mm)

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
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

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
2.62 Ohm/1000ft	1.2 Ohm/1000ft (3.9 Ohm/km)	16.1 pF/ft (52.8 pF/m)	75 Ohm	84%

Voltage

UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-30°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
4.05 in (103 mm)	4.05 in (103 mm)

Max. Pull Tension:	144 lbs (65.3 kg)
Bulk Cable Weight:	86 lbs/1000ft (130 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance - Black only
Flammability / Reaction to Fire:	FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CL2, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	613948

History

Update and Revision:	Revision Number: 0.508 Revision Date: 02-03-2025
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Part Numbers

Variants

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

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