



Product: [413945](#)

Surveillance CCTV, RG-11 #14 BC, 95% BC Braid, LSZH Jkt.

Product Description

Surveillance & CCTV Cable, RG11, Rated-CM, 14 AWG solid bare copper, foam polyolefin core, 95% bare copper braid, LSZH jacket, IEC 60332-1

Technical Specifications

Product Overview

Suitable Applications:	ANALOG VIDEO/CCTV; The cable is suitable for indoor use
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Construction Details

RG Type:	11
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Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	14 AWG	Solid	1.6 mm	BC - Bare Copper

Insulation

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

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	10.3 mm

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.56 dB/100m
10 MHz	1.15 dB/100m
50 MHz	2.95 dB/100m
100 MHz	4.26 dB/100m
200 MHz	6.23 dB/100m
400 MHz	9.5 dB/100m
700 MHz	13.4 dB/100m
900 MHz	15.7 dB/100m
1000 MHz	17 dB/100m

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
8.5 Ohm/km	4.7 Ohm/km (1.4 Ohm/1000ft)	52.8 pF/m (16.1 pF/ft)	75 Ohm	84%

Voltage

Voltage Rating

300 V RMS

Mechanical Characteristics

Temperature

Operating	Storage
-30°C To +70°C	-30°C To +70°C

Bend Radius

Stationary Min.	Installation Min.
51.5 mm (2.03 in)	103 mm

Max. Pull Tension:	65 N (15 lbf)
Bulk Cable Weight:	124 kg/km

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.215 Revision Date: 12-19-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
413945.01500	Black	Reel	500 m	8719605170392
413945.00305	Gray	Reel	305 m	8719605006271
413945.00500	Gray	Reel	500 m	8719605006288

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