
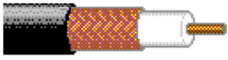


Product: [413945](#) 

Analog Video/CCTV Applications



Product Description

Analog Video & CCTV Cable, Coax 11/U, Flame resistance IEC60332-1, 14 AWG solid bare copper, foamed polyethylene core, 95% bare copper braid, LSZH jacket

Technical Specifications

Product Overview

Suitable Applications:	ANALOG VIDEO/CCTV; The cable is suitable for indoor use
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BC - Bare Copper	1.6 mm	1

Conductor Count:	1
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Insulation

Type	Material	Nominal Diameter
Dielectric	PE - Polyethylene (Foam)	7.11 mm

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	10.3 mm	1.2 mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
8.5 Ohm/km	4.7 Ohm/km

Capacitance

Nom. Capacitance Conductor to Shield
52.8 pF/m

Impedance

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
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

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
396 ns/ft	84%

Voltage

Voltage Rating [V]
300 V RMS

Temperature Range

Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-30°C To +70°C

Mechanical Characteristics

Max. Pull Tension:	65 N
Min Bend Radius (W/o Pulling Strength):	51.5 mm
Min Setting Radius:	103 mm

Standards

RG Type:	11/U Type
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Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3

Part Number

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

History

Update and Revision:	Revision Number: 0.174 Revision Date: 09-30-2020
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