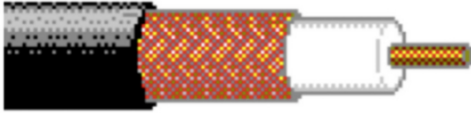


Part Number: 443945

Analog Video/CCTV Applications



Product Description

Analog Video/CCTV, Coax 59/U, IEC60332-1, 20 AWG solid bare copper, foamed polyethylene core, 95% bare copper braid, LSZH jacket

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Dca & Eca
Suitable Applications:	ANALOG VIDEO/CCTV; The cable is suitable for indoor use

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	Solid	Bare copper	0.81 mm	1

Total Number of Conductors:	1
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Insulation

Type	Material	Nominal Diameter
Dielectric	Foamed Polyethylene	3.68 mm

Outer Shield Material

Type	Material	Coverage [%]
Braid	Bare copper	95 %

Outer Jacket Material

Material	Color	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	Grey	5.9 mm	0.8 mm

Electrical Characteristics

Capacitance

Nom. Capacitance Conductor to Shield
53.5 pF/m

Shielding:	Overall Braid
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Construction and Dimensions

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
32.8 Ohm/km	11.484 Ohm/km

Impedance

Nominal Characteristic Impedance
75 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.98 dB/100m
5 MHz	2.13 dB/100m
10 MHz	2.95 dB/100m
50 MHz	6.23 dB/100m
100 MHz	8.53 dB/100m
200 MHz	11.8 dB/100m
400 MHz	16.4 dB/100m
700 MHz	23 dB/100m
900 MHz	26.2 dB/100m
1000 MHz	27.9 dB/100m

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
400 ns/ft	83 %

Applicable Standards & Environmental Programs

CPR Euroclass:	Eca
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Standards

RG Type:	RG-59/U Type
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Flame Test

ISO/IEC Flammability:	IEC 60332-1-2
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Mechanical Characteristics

Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-30°C To +70°C
Min Bend Radius (W/o Pulling Strength):	29.5(mm)

Temperature Range

Min Setting Radius:	59(mm)
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History

Revision Number:	6
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Variants

Item #	Color
443945.01305	BLACK
443945.011524	BLACK
443945.00100	GRAY, RAL 7001
443945.00500	GRAY, RAL 7001
443945.00999	GRAY, RAL 7001

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