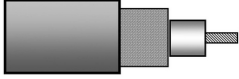




Product: [H12B00](#)



H12B - 75 Ohm Analog Video Coax, RG-59, 23 AWG Str BC, 90% BC Braid, PVC Jkt

Product Description

75 Ohm Analog Video Coax, RG-59, 23 AWG Stranded Bare Copper Conductor , PE Insulation, 90% Bare Copper Braid Shield, PVC Jacket, AWM1869

Technical Specifications

Product Overview

Suitable Applications:	Standard analog video
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Construction Details

RG Type:	Mini 59
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Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	24 AWG	7x0.20 mm	0.6 in	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter
PE - Polyethylene	3.5 mm (0.14 in)

Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	90%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	5.6 mm

Table Notes:	According to European Standard EN 50290-2-20 and UL AWM Style 1869
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Electrical Characteristics

Regularity of Impedance:	Min. 40 dB
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Return Loss (RL)

Frequency	Min. Return Loss
5 - 30 MHz	20 dB
30 - 470 MHz	20 dB
470 - 862 MHz	18 dB
862 - 2150 MHz	16 dB

Attenuation

Frequency	Nom. Attenuation
5 MHz	2.9 dB/100m
50 MHz	9.4 dB/100m
100 MHz	13.3 dB/100m
200 MHz	19 dB/100m
400 MHz	27.2 dB/100m
600 MHz	33.7 dB/100m

800 MHz	39.2 dB/100m
1000 MHz	44.1 dB/100m
1350 MHz	51.7 dB/100m
1600 MHz	56.7 dB/100m
1750 MHz	59.5 dB/100m
2150 MHz	66.5 dB/100m
2400 MHz	70.6 dB/100m

Electricals

Max. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
80 Ohm/km (24 Ohm/1000ft)	12.5 Ohm/km (3.81 Ohm/1000ft)	67 pF/m (20 pF/ft)	75 Ohm	66%

Screening

Frequency	Min. Screening Attenuation
30 - 1000 MHz	50 dB

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation	Storage
60°C (AWM 1869)	-15°C To +70°C	-5°C To +50°C	-15°C To +70°C

Bulk Cable Weight:	43 kg/km
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Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	UL Horizontal flametest, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
CENELEC Compliance:	EN 50117-1
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.244 Revision Date: 08-01-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
H12B00.022000	Beige	Reel	2,000 m	8719605087799

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