



Product: [70049LV](#)

1 PAIR AES/EBU, 24AWG, ISTP, LSZH-C

Product Description

DIGITAL AUDIO 1 PAIR AES/EBU, 24AWG/0.22mm², ISTP, LSZH

Technical Specifications

Product Overview

Suitable Applications:	1-pair 24AWG halogen-free single pair cable; For digital audio
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D	No. of Pairs
24	7x32	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	7x0.20 mm	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PE - Polyethylene (Foam)	1.70 mm	0.05 mm

Color Chart

Number	Color
Pair 1	Red & Black

Outer Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	100%	TC - Tinned Copper	24	7x0.20 mm	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	7.3 mm	0.3 mm

Construction and Dimensions

Cabling

Description
1 pair + drainwire stranded tinned copper (AWG24)(7x0.20mm)

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
86 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor

36 pF/m

Impedance

Frequency [MHz]	Nominal Characteristic Impedance	Nominal Characteristic Tolerance
0.1 - 6	110 Ohm	15 Ohm

Temperature Range

Other Temp Range:	-30-+70 °C
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Mechanical Characteristics

Max. Pull Tension:	70 N
Min Bend Radius During Installation:	75 mm
Min Bend Radius During Operation:	110 mm

Standards

CPR Euroclass:	B2ca-s1,d1,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass B2ca
EU RoHS Compliance Date (yyyy-mm-dd):	2019-05-10

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-24
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
70049LV.01100	Black	Reel	100 m	8719605181893
70049LV.01500	Black	Reel	500 m	8719605181848
70049LV.00500	Purple	Reel	500 m	8719605180315

History

Update and Revision:	Revision Number: 0.25 Revision Date: 09-30-2020
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