



Product: [70073](#)



10 Pair AES/EBU, 26AWG, ISTP, LSZH

Product Description

Digital Audio 10 Pair AES/EBU, 26AWG/0.14mm², ISTP, LSZH

Technical Specifications

Product Overview

Suitable Applications:	Digital multi-modulation cable used in professional studios for the transmission of analogue and digital audio signals.; Designed to meet the requirements of the AES/EBU specification
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Cross Section	Construction n x D	No. of Pairs
26	7x34	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	0.14 mm²	7x0.15 mm	10

Conductor Count:	20
Total Number of Pairs:	10

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PE - Polyethylene (Foam)	1.10 mm	0.03 mm

Color Chart

Number	Color
Pair 10	White & Blue

Inner Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	Stranded tinned copper	26

Table Notes:	Aluminum inside
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Inner Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.90 mm	0.1 mm

Table Notes:	Elements are numbered for identification
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Outer Shield

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	100%	TC - Tinned Copper	26	Stranded

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	13.6 mm	1.30 mm

Construction and Dimensions

Cabling

Description	Filler
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10 Pairs + Stranded tinned copper drainwire(7x0.16)(AWG 26) + 2 Fillers	Cotton (2x)
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
134 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
40 pF/m

Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance
110 Ohm	+/- 15 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]
80%

Temperature Range

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

Min. Bend Radius During Installation:	136 mm
Min. Bend Radius During Operation:	204 mm

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	34 %
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

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
70073.01500	Blue	Reel	500 m	8719605128560
70073.02500	Creame Similar RAL 9001	Reel	500 m	8719605128577
70073.00500	Violet	Reel	500 m	8719605128553

History

Update and Revision:	Revision Number: 0.139 Revision Date: 01-15-2024
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