

Product: [70073](#) 



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

## Product Description

Digital Audio 10 Pair AES/EBU, 26AWG/0.14mm<sup>2</sup>, 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 mm <sup>2</sup>	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

## 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

## Mechanical Characteristics

Min. Bend Radius During Installation: 136 mm

Min. Bend Radius During Operation: 204 mm

## Standards

CPR Euroclass: Eca

## Applicable Environmental and Other Programs

Environmental Space: Indoor - Euroclass Eca

## Flammability, LSOH, 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	Creme 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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