



**Part Number: 70051**

1 PAIR AES/EBU, 26AWG, ISTP, LSZH

## Product Description

DIGITAL AUDIO 1 PAIR AES/EBU, 26AWG/0.14mm<sup>2</sup>, ISTP, LSZH

## Technical Specifications

### Product Overview

Environmental Space:	Indoor
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

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Cross Section	Construction n x D
26	7x34	Bare oxygen free copper	0.14 mm <sup>2</sup>	7x0.15 mm

Conductor Count:	2
Total Number of Pairs:	1
AWG Size:	26

#### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	FPE - Foamed Polyethylene	1.10 mm	0.03 mm

#### Color Chart

Number	Color
Pair 1	White & Blue

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Foil, Aluminum inside	Aluminum/Polyester Foil	Beldfoil®	100 %	Stranded tinned copper	26	7x0.16 mm

#### Outer Jacket Material

Material	Color	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	Purple	3.90 mm	0.20 mm

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
134.0 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Conductor
40 pF/m

#### Impedance

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

#### Delay

<b>Nominal Velocity of Propagation (VP) [%]</b>
80 %

## Temperature Range

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

Min Bend Radius During Installation:	39 mm
Min Setting Radius:	19.5 mm

## Standards

CPR Euroclass:	Fca
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## Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	Min. 34 %
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	zero

## Part Number

### Variants

Item #	Color
70051.011000	GRAY
70051.00100	PURPLE
70051.00500	PURPLE

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