



Product: [70051CH](#)

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

Product Description

DIGITAL AUDIO 1 PAIR AES/EBU, 26AWG/0.14mm², ISTP, LSZH-C

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	No. of Pairs
26	7x34	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PE - Polyethylene (Foam)	1.1 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
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	26	Stranded

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.9 mm	0.2 mm

Construction and Dimensions

Cabling

Description	
1 pair + drainwire stranded tinned copper (AWG26)(7x0.16mm)	
Min Elongation at Breakof Jacket:	125 %
Min Tensile Strength of Jacket:	9 MPa

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 Setting Radius:	19.5 mm
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Standards

CPR Euroclass:	Dca-s2,d1,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca
EU RoHS Compliance Date (yyyy-mm-dd):	2015-06-11

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-25
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
IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance:	60%

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
70051CH.00500	Purple	Reel	500 m	8719605010070

History

Update and Revision:	Revision Number: 0.122 Revision Date: 12-17-2020
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