



Part Number: 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

Environmental Space:	Indoor - Euroclass Dca
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	No. of Pairs
26	7x34	Bare oxygen free copper	1

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

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
FPE - Foamed Polyethylene	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
Foil	Aluminum/Polyester Foil	Beldfoil®	100 %	Stranded tinned copper	26

Outer Jacket Material

Material	Color	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	Purple	3.9 mm	0.2 mm

Construction and Dimensions

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
GENELEC Compliance:	EN 61034-2:2005 Smoke emission

Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-3-25: CAT D
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
70051CH.00500	PURPLE

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