



Part Number: 70050CH

1 PAIR AES/EBU, 22AWG, ISTP, LSZH-C

Product Description

DIGITAL AUDIO 1 PAIR AES/EBU, 22AWG/0.34mm², ISTP, LSZH-C

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass B2ca
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; The cable is very flexible and has a small outer diameter for use in applications where space is limited

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	Bare oxygen free copper	1

Conductor Count:	2
Total Number of Pairs:	1
AWG Size:	22

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
FPE - Foamed Polyethylene	2.1 mm	0.05 mm

Color Chart

Number	Color
Pair 1	Red & Black

Outer Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Position
Foil	Aluminum/Polyester Foil	100 %	Stranded tinned copper	22	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	7.4 mm	0.1 mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
58 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
45 pF/m

Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance
110 Ohm	15 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]

76 %

Temperature Range

Other Temp Range: -30-+70 °C

Mechanical Characteristics

Max Recommended Pulling Tension: 70 N

Standards

CPR Euroclass: B2ca-s2,d1,a1

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability: IEC 60332-3-24

LOI of Jacket: 40 %

Amount of Halogen acc. to IEC 60754-1 & EN50267-1: Zero

Part Number**Variants**

Item #	Color
70050CH.00500	GRAY

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