

Part Number: 70072CH



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

Product Description

DIGITAL AUDIO 12 PAIR AES/EBU, 22AWG/0.34mm², ISTP, LSZH-C

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
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
22	7x30	Bare oxygen free copper	12

Conductor Count:	24
Total Number of Pairs:	12
AWG Size:	22

Insulation

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

Color Chart

Number	Color
Pair 1 t/m 12	Red & Black

Inner Shield Material

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

Inner Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
FRNC / LSZH	5.3 mm	0.1 mm

InnerJacket, Table Note:	Elements are numbered for identification
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Outer Shield Material

Material
Aluminum/Polyester Foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	24.6 mm	0.1 mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
86 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:	123 mm
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Standards

CPR Euroclass:	Eca
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Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-3-24
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
70072CH.00500	GRAY
70072CH.009999	GRAY

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