



Product: [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

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	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)	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 Construction n x D	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	100%	TC - Tinned Copper	22	Stranded	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	7.4 mm	0.1 mm

Construction and Dimensions

Cabling

Description
1 pair + drainwire stranded tinned copper (AWG22)(7x0.25mm)

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
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Mechanical Characteristics

Max. Pull Tension:	70 N
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Standards

CPR Euroclass:	B2ca-s2,d1,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass B2ca
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-24
LOI of Jacket:	40 %
IEC 60754-1 - Halogen Amount:	Zero

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
70050CH.00305	Gray	Reel	305 m	8719605186751
70050CH.00500	Gray	Reel	500 m	8719605010032

History

Update and Revision:	Revision Number: 0.186 Revision Date: 07-12-2021
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