



**Product:** [70050CH](#)

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

## Product Description

DIGITAL AUDIO 1 PAIR AES/EBU, 22AWG/0.34mm<sup>2</sup>, ISTD, 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
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### 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

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	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 Dca
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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

## Related Part Numbers

### Variants

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

## History

Update and Revision:	Revision Number: 0.193 Revision Date: 04-08-2022
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