

**Part Number: 70069CH**



**2 PAIR AES/EBU, 22AWG, ISTD, LSZH-C**

## Product Description

DIGITAL AUDIO 2 PAIR AES/EBU, 22AWG/0.34mm<sup>2</sup>, ISTD, 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
22	7x30	Bare oxygen free copper	2

Conductor Count:	4
Total Number of Pairs:	2
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 2	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	13.5 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:	67.5 mm
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## Standards

CPR Euroclass:	Dca-s1,d1,a1
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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
70069CH.00500	GRAY

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