

Product: [70071CH](#) 



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

Product Description

DIGITAL AUDIO 8 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 |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|---|--------------|
| 22 | 7x30 | BC-OFHC - Oxygen-Free Bare Copper (High Conductivity) | 8 |

| | |
|------------------------|----|
| Conductor Count: | 16 |
| Total Number of Pairs: | 8 |

Insulation

| Material | Nominal Diameter | Diameter +/- Tolerance |
|--------------------------|------------------|------------------------|
| PE - Polyethylene (Foam) | 2.1 mm | 0.05 mm |

Color Chart

| Number | Color |
|--------------|-------------|
| Pair 1 t/m 8 | Red & Black |

Inner Shield Material

| Type | Material | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Position |
|------|-------------------------|--------------|------------------------|---------------|----------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | Stranded tinned copper | 22 | Under shielding foil |

Inner Jacket Material

| Material | Nominal Diameter | Diameter +/- Tolerance |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 5.3 mm | 0.1 mm |

| | |
|--------------|--|
| Table Notes: | Elements are numbered for identification |
|--------------|--|

Outer Shield Material

| Material |
|-------------------------|
| Bi-Laminate (Alum+Poly) |

Outer Jacket Material

| Material | Nominal Diameter | Diameter +/- Tolerance |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 21.3 mm | 0.1 mm |

Construction and Dimensions

Cabling

| Description |
|--|
| 1 center filler + 8 pairs + stranded tinned copper drainwire (22AWG)(7x0.25) covered with a non-woven foil |

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

86 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor

40 pF/m

Impedance

Nominal Characteristic Impedance

110 Ohm

Nominal Characteristic Tolerance

15 Ohm

Temperature Range

Other Temp Range: -30-+70 °C

Mechanical Characteristics

Min Setting Radius: 106.5 mm

Standards

CPR Euroclass: Cca-s1,d1,a1

Applicable Environmental and Other Programs

Environmental Space: Indoor - Euroclass Cca

EU RoHS Compliance Date (yyyy-mm-dd): 2014-12-01

Flammability, LSOH, Toxicity Testing

IEC Flammability: IEC 60332-1-2 and IEC 60332-3-24

IEC 60754-1 (EN50267-1)- Halogen Amount: Zero

Part Number

Variants

| Item # | Color | Putup Type | Length | EAN |
|---------------|-------|------------|--------|---------------|
| 70071CH.00500 | Gray | Reel | 500 m | 8719605010674 |

History

Update and Revision: Revision Number: 0.113 Revision Date: 08-25-2020

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