



Part Number: 70049CH

1 PAIR AES/EBU, 24AWG, ISTP, LSZH-C

# **Product Description**

DIGITAL AUDIO 1 PAIR AES/EBU, 24AWG/0.22mm², ISTP, LSZH-C

# **Technical Specifications**

### **Product Overview**

Environmental Space:	Indoor - Euroclass B2ca
Suitable Applications:	1-pair 24AWG halogen-free single pair cable; For digital audio

# **Physical Characteristics (Overall)**

### Conductor

AWG	Stranding	Material	No. of P	airs
24	7x32	Bare oxygen free copper	1	
Condu	ictor Count:			2
Total I	Number of Pa	airs:		1
AWG	Size:			24

# Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
FPE - Foamed Polyethylene	1.7 mm	0.05 mm

### **Color Chart**

Number	Color
Pair 1	Red & Black

# Outer Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Position
Foil	Aluminum/Polyester Foil	100 %	Stranded tinned copper	24	Under shielding foil

## **Outer Jacket Material**

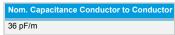
Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	5.5 mm	0.1 mm

# **Electrical Characteristics**

# Conductor DCR

Nominal Conductor DCR 86 Ohm/km

## Capacitance



## Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance
110 Ohm	15 Ohm

## Delay



### **Temperature Range**

Other Temp Range:	-30-+70 °C	

### **Mechanical Characteristics**

Max Recommended Pulling Tension:	70 N

#### **Standards**

CPR Euroclass:	B2ca-s1,d1,a1

# Flammability, LS0H, Toxicity Testing

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

#### **Part Number**

#### Variants

Item #	Color
70049CH.021000	BLACK
70049CH.02500	BLACK
70049CH.02100	BLACK
70049CH.001000	PURPLE
70049CH.00500	PURPLE

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