

Product: <u>70057CH</u> ☑

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

Product Description

DIGITAL AUDIO 2 PAIR AES/EBU, 24AWG/0.22mm², 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	I Cross Section Construction n x D
24 7x32 BC-OFHC - Oxygen-Free Bare C	Copper (High Conductivity) 0.22 mm ² 7x0.20 mm
Conductor Count:	4
Total Number of Pairs:	2
nsulation	
Type Material Nominal Diar	meter Diameter +/- Tolerance
Insulation PE - Polyethylene (Foam) 1.45 mm	0.03 mm
Color Chart	
Number Color	
Pair 1 t/m 2 White & Blue	
nner Shield Material	Coverage [%] Drainwire Material Drainwire AWG Drainwire Construction n x D
	Coverage [%] Drainwire Material Drainwire AWG Drainwire Construction n x D 00% Stranded tinned copper 24 7x0.20 mm
Table Notes:	Aluminum inside
nner Jacket Material	
Material LSZH - Low Smoke Zero Halogen (Flame Retardant)	Nominal Diameter Diameter +/- Tolerance 3.50 mm 0.10 mm
Table Notes:	Elements are numbered for identification
Outer Shield Material	
	rainwire Material Drainwire AWG Drainwire Construction n x D
Tape Bi-Laminate (Alum+Poly) 100% TC	C - Tinned Copper 24 7x0.20 mm
Outer Jacket Material	
Material	Nominal Diameter Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	9.40 mm 1.10 mm
Construction and Dimensions	

2 fillers + 2 pairs Polypropylene (2x)

Electrical Characteristics

Conductor DCR

Nominal Conductor DO
86.0 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
40 pF/m

Impedance

Frequency [MHz]	Nominal Characteristic Impedance	Nominal Characteristic Tolerance			
0.1 - 6	110 Ohm	+/- 15 Ohm			
Temperature F	Range				

-30 to +70 °C

Other Temp Range:

Mechanical Characteristics

Min Bend Radius During Installation:	94 mm
Min Bend Radius During Operation:	141 mm
Standards	

CPR Euroclass:

Dca-s1,d2,a1

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca
EU RoHS Compliance Date (yyyy-mm-dd):	2013-12-18

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-24		
LOI of Jacket:	Min. 45 %		
IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero		
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity:	2.5 μS/mm		
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3		

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
70057CH.00100	Violet	Reel	100 m	8719605142306
70057CH.00500	Violet	Reel	500 m	8719605010315

History

Update and Revision:

Revision Number: 0.151 Revision Date: 09-30-2020

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