



Product: [70075](#)

1 PAIR AES/EBU, 24AWG, ITP, FRNC/LSZH

Product Description

1 PAIR AES/EBU, 24AWG, ITP, FRNC/LSZH

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	Cross Section	Construction n x D
24	7x32	BOFC - Bare Oxygen free Copper	0.22 mm²	7x0.20 mm
Conductor Count:		2		
Total Number of Pairs:		1		

Insulation			
Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	FPE - Foamed Polyethylene	1.45 mm	0.03 mm

Color Chart	
Number	Color
Pair 1	Black & Red

Outer Shield Material						
Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Foil, Aluminum inside	Aluminum/Polyester	Beldfoil®	100 %	Stranded tinned copper	24	7x0.20 mm

Outer Jacket Material		
Material	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC	3.50 mm	0.10 mm

Construction and Dimensions

Cabling	
Description	
1 pair	

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
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

Delay

Nominal Velocity of Propagation (VP) [%]
80 %

Temperature Range

Other Temp Range:	-30 to +70 °C
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Mechanical Characteristics

Min Bend Radius During Installation:	35 mm
Min Bend Radius During Operation:	52.5 mm

Standards

CPR Euroclass:	Dca-s2,d1,a1
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Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2014-09-16
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Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color	Length
70075.01500	Black	500 m
70075.01305	Black	305 m

History

Update and Revision:	Revision Number: 0.136 Revision Date: 08-22-2019
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