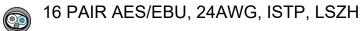


Product: 70061



Product Description

DIGITAL AUDIO 16 PAIR AES/EBU, 24AWG/0.22mm², ISTP, LSZH

Technical Specifications

Product Overview

Suitable Applications:		Digital multi-modulation c requirements of the AES		nal studios; For the transmission	of analogue and digital audio si	gnals; Designed to meet the
Physical Characteristics (Overall)					
Conductor						
AWG Stranding	Material	Cross	Section Construction	n x D		
24 7x32 BC-OFHC - Ox	ygen-Free Bare Copper (Hi	gh Conductivity) 0.22 m	m² 7x0.20 mm			
Conductor Count:		32				
Total Number of Pairs:		16				
sulation						
Type Material	Nominal Diameter D	iameter +/- Tolerance				
Insulation PE - Polyethylene (Foal	m) 1.45 mm 0.	.03 mm				
olor Chart						
Number Color						
Pair 1 t/m 16 White & Blue						
nner Shield Material						
	Trade Name Coverage			Drainwire Construction n x D		
Bi-Laminate (Alum+Poly) Beldfoil	100%	Stranded tinned cop	per 24	7x0.20 mm		
Table Notes:		Aluminum inside				
nner Jacket Material						
Material	Nomina	al Diameter Diameter +	- Tolerance			
LSZH - Low Smoke Zero Halogen (Flame Retardant) 3.50 mr	n 0.10 mm				
Table Notes:		Elements are numbered	or identification			
uter Shield Material						
Type Material C	Coverage [%] Drainwire	Material Drainwire AW	G Drainwire Construc	ction n x D		
Tape Bi-Laminate (Alum+Poly) 1	00% TC - Tinned	Copper 24	7x0.20 mm			
uter Jacket Material						
Material	Nomina	al Diameter Nominal W	all Thickness			
LSZH - Low Smoke Zero Halogen (Flame Retardant) 19.00 m	nm 1.30 mm				
Construction and Dimens	ions					
onstruction and Dimens						
abling						

1 filler + 16 pairs	Polypropylene
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Electrical Characteristics

Conductor DCR

Nominal Conductor DC
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 Range				

Eca

CPR Euroclass:

Other Temp Range:	-30 to +70 °C	
Mechanical Characteristics		
Min Bend Radius During Installation:	190 mm	
Min Bend Radius During Operation:	285 mm	
Standards		

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	Min. 34 %
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
70061.00500	Violet	Reel	500 m	8719605010537

History

Update and Revision:	Revision Number: 0.148 Revision Date: 09-30-2020		
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