


Product: [BE46202](#) 

1 PAIR AES/EBU, 26AWG, ISTP, FLEX, LSZH, STAGE

Product Description

1 PAIR AES/EBU, 26AWG/0.14mm², ISTP, FLEX, LSZH, STAGE

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; The cable is very flexible and has a small outer diameter for use in applications where space is limited
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Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Cross Section	Construction n x D
26	Stranded	TC - Tinned Copper	0.14 mm²	7x0.16 mm
Conductor Count:		2		

Insulation			
Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene (Foam)	1.1 mm	0.03 mm

Color Chart	
Number	Color
Pair 1	White & Blue

Outer Shield			
Type	Material	Nominal Diameter	Min. Coverage [%]
Spiral Serve / Screen	Tinned Copper (TC)	2.4 mm	90%

Outer Jacket		
Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.9 mm	0.1 mm

Construction and Dimensions

Cabling	
Description	2 wires twisted

Electrical Characteristics	
Conductor DCR	
Max. Conductor DCR	130 Ohm/km
Capacitance	
Nom. Capacitance Conductor to Conductor	50 pF/m

Impedance

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

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	2.3 dB/100m
6 MHz	9.5 dB/100m
10 MHz	16 dB/100m

Delay

Nominal Velocity of Propagation (VP) [%]
60%

Temperature Range

Other Temp Range:	-25 to +70 °C
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Mechanical Characteristics

Min. Bend Radius During Installation:	39 mm
Min. Bend Radius During Operation:	58.5 mm

Applicable Environmental and Other Programs

Environmental Space:	Indoor
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
Other Flammability:	CEI 20-35/1
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
BE46202.00250	Purple	Reel	250 m	8719605026743
BE46202.00500	Purple	Reel	500 m	8719605026750

History

Update and Revision:	Revision Number: 0.166 Revision Date: 01-15-2024
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