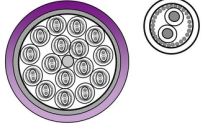


Product: [BE46207](#) 



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

Product Description

16 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	7x34	TC - Tinned Copper	0.14 mm ²	7x0.16 mm

Conductor Count:	32
Total Number of Pairs:	16

Insulation

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

Color Chart

Number	Color
Pair 1 t/m 16	White & Blue

Inner Shield Material

Type	Material	Nominal Diameter	Min. Coverage [%]
Spiral Serve / Screen	Tinned Copper (TC)	2.40 mm	90%

Inner Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
Nylon	2.8 mm	0.1 mm

Outer Shield Material

Type	Material	Nominal Diameter	Min. Coverage [%]
Braid	Tinned Copper (TC)	13.1 mm	90%

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	15.3 mm	0.5 mm

Construction and Dimensions

Cabling

Description
1 center filler + 16 pairs covered with a non-woven separating foil

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

Temperature Range

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

Min Bend Radius During Installation:	153 mm
Min Bend Radius During Operation:	229.5 mm

Applicable Environmental and Other Programs

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

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
BE46207.00250	Purple	Reel	250 m	8719605026835
BE46207.00500	Purple	Reel	500 m	8719605026842

History

Update and Revision:	Revision Number: 0.135 Revision Date: 08-24-2020
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