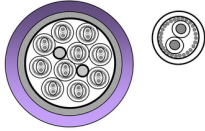


Product: [BE46208](#) 



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

## Product Description

10 PAIR AES/EBU, 26AWG/0.14mm<sup>2</sup>, 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 <sup>2</sup>	7x0.16 mm

Conductor Count: 20

Total Number of Pairs: 10

#### 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 10	White & Blue

#### Inner Shield

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

#### Inner Jacket

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

#### Outer Shield

Type	Material	Nominal Diameter	Min. Coverage [%]
Braid	Tinned Copper (TC)	9.9 mm	90%

#### Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	11.9 mm	0.4 mm

## Construction and Dimensions

### Cabling

Description
2 fillers + 10 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

### 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:	119 mm
Min. Bend Radius During Operation:	178.5 mm

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	EAN
BE46208.00250	Purple	Reel	250 m	8719605026873
BE46208.00500	Purple	Reel	500 m	8719605026880

## History

Update and Revision:	Revision Number: 0.162 Revision Date: 02-03-2025
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