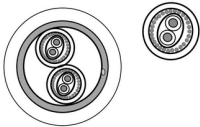


Product: [BE46923](#) 



2 PAIR AES/EBU, 26AWG, ISTP, LSZH, STAGE

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Digital multi-modulation cable used in professional studiotronics; For analogue and digital transmission in instruments for frequency modulation; Designed to meet the requirements of the AES/EBU specification
------------------------	--

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
26	18x38	TC - Tinned Copper	18x0.10 mm

Conductor Count:	4
Total Number of Pairs:	2

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.13 mm	0.03 mm

Color Chart

Number	Color
Pair 1 t/m 2	White & Blue

Inner Shield Material

Type	Material	Min. Coverage [%]
Tape	Polyester	
Spiral Serve / Screen	Tinned Copper (TC)	90%

Inner Jacket Material

Material	Color	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	Gray	2.90 mm	0.10 mm	0.20 mm

Table Notes:	Elements are numbered
--------------	-----------------------

Outer Shield Material

Type	Material	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position	Min. Coverage [%]
Braid	Tinned Copper (TC)	TC - Tinned Copper	26	18x0.10 mm	Over separating foil, under braid	90%

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.40 mm	0.40 mm	0.80 mm

Construction and Dimensions

Cabling

Description
-------------

2 pairs covered with a non-woven separating foil
--

## Electrical Characteristics

### Conductor DCR

Max. Conductor DCR	Nominal Inner Shield DCR
130 Ohm/km	40 Ohm/km

### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
56 pF/m	220 pF/m

### Inductance

Nominal Pair Inductance
0.80 µH/m

### Impedance

Frequency [MHz]	Nominal Characteristic Impedance	Nominal Characteristic Tolerance
0.1 - 6	110 Ohm	+/- 10 Ohm
6 - 24	110 Ohm	20 Ohm

### High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
2 MHz	3.1 dB/100m
4 MHz	6.2 dB/100m
5 MHz	7.3 dB/100m
6 MHz	8.2 dB/100m
12 MHz	13.1 dB/100m
24 MHz	21.1 dB/100m

## Temperature Range

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

## Mechanical Characteristics

Max. Pull Tension:	400 N
Min Bend Radius During Installation:	84 mm
Min Bend Radius During Operation:	126 mm

## Standards

CENELEC Compliance:	EN 50290-2-27
---------------------	---------------

## Applicable Environmental and Other Programs

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

## Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-3-24
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
BE46923.01250	Gray	Reel	250 m	8719605027719
BE46923.01500	Gray	Reel	500 m	8719605027726

## History

Update and Revision:	Revision Number: 0.146 Revision Date: 08-24-2020
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.