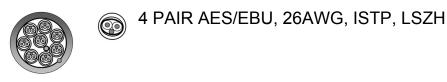


Part Number: 70053



Product Description

DIGITAL AUDIO 4 PAIR AES/EBU, 26AWG/0.14mm², ISTP, LSZH

Technical Specifications

Product Overview

Environmental Space:	Indoor
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

Physical Characteristics (Overall)

Condu	Conductor			
AWG	Stranding	Material	Cross Section	Construction n x D
26	7x34	Bare oxygen free copper	0.14 mm ²	7x0.15 mm
Condu	ctor Count:		8	
Total I	Total Number of Pairs:		4	
AWG	AWG Size:		26	

Insulation

Type Material		Nominal Diameter	Diameter +/- Tolerance
Insulation	FPE - Foamed Polyethylene	1.10 mm	0.03 mm

Color Chart

 Number
 Color

 Pair 1 t/m 4
 White & Blue

Inner Shield Material

Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Aluminum / Polye	ster Beldfoil®	100 %	Stranded tinned copper	26	7x0.16 mm
InnerShield, Tabl	e Note:	Aluminum ir	nside		

Inner Jacket Material

Material	Nominal Diameter Diar	ameter +/- Tolerance
FRNC / LSZH	2.90 mm 0.10	10 mm
InnerJacket, Ta	able Note:	Elements ar

Outer Shield Material

Туре	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Foil	Aluminum/Polyester Foil	100 %	Stranded tinned copper	26	7x0.16 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	9.80 mm	1.20 mm

Construction and Dimensions

Cabling

Polypropylene

Electrical Characteristics

Conductor DCR

Nominal Conductor DC	F
134.0 Ohm/km	

Capacitance

Nom. Capacitance Conductor to Conductor	
40 pF/m	1

Impedance

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

Delay

Nominal Ve	locity of Propagation (VP) [%]
80 %	

Temperature Range

Other Temp Range:	-30 to +70 °C
Mechanical Characteristics	
Min Bend Radius During Installation:	98 mm
Min Bend Radius During Operation:	147 mm
Standards	

Standards

CPR Euroclass:	Fca

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	Min. 34 %
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	zero

Part Number

Variants

Item #	Color
70053.011000	GRAY
70053.01500	GRAY
70053.00100	PURPLE
70053.00500	PURPLE

© 2018 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 incompliance with EU RoHS(Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be instock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be incompliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.