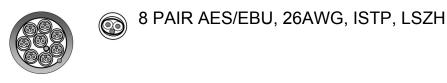


# Part Number: 70054



# **Product Description**

DIGITAL AUDIO 8 PAIR AES/EBU, 26AWG/0.14mm<sup>2</sup>, ISTP, LSZH

# **Technical Specifications**

## **Product Overview**

Environmental Space:	Indoor - Euroclass Eca
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)**

|--|

AWG	Stranding	Material	<b>Cross Section</b>	Construction n x D
26	7x34	Bare oxygen free copper	0.14 mm <sup>2</sup>	7x0.15 mm
Conductor Count:		16		
Total Number of Pairs:		8		
AWG S	AWG Size:		26	

#### Insulation

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

#### Color Chart

Number	Color	
Pair 1 t/m 8	White & Blue	

#### Inner Shield Material

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

### Inner Jacket Material

Material	Nominal Diameter	Diameter +/- Toler
FRNC / LSZH	2.90 mm	0.10 mm
InnerJacket, Ta	able Note:	Eleme

# **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	12.80 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	Velocity of Propagation (VP) [%]
80 %	

### **Temperature Range**

Other Temp Range:	-30 to +70 °C
Mechanical Characteristics	
Min Bend Radius During Installation:	128 mm
Min Bend Radius During Operation:	192 mm

#### **Standards**

CPR Euroclass:	Еса

# 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

ltem #	Color
70054.011000	GRAY
70054.01500	GRAY
70054.00100	VIOLET
70054.00500	VIOLET

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