



Product: [70054CH](#)



AUDIO DIGITAL AES/EBU 8 PAIR 26AWG, BELDFOIL, LSZH

Product Description

DIGITAL AUDIO AES/EBU 8 PAIR 26AWG/0.14mm², BELDFOIL, LSZH

Technical Specifications

Product Overview

Suitable Applications:	8-pair 26AWG halogen-free multi-core cable; For digital audio
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Construction n x D
26	7x34	7x0.15 mm

Conductor Count:	16
Total Number of Pairs:	8

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene (Foam)	1.10 mm	0.03 mm

Color Chart

Number	Color
Pair 1 t/m 8	White&Blue

Inner Shield

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	100%	Stranded tinned copper	26	7x0.16 mm	Under shielding foil

Table Notes:	Aluminum inside
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Inner Jacket

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.90 mm

Table Notes:	Jacket single element, elements are numbered 1 - 8
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Outer Shield

Type	Material	Coverage [%]	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	100%	7xAWG34

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	12.80mm	1.30 mm

Construction and Dimensions

Cabling

Description
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8 pairs	
Min Tensile Strength of Jacket:	9 MPa

### Electrical Characteristics

#### Conductor DCR

Max. Conductor DCR
145 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Conductor
40 pF/m

### Temperature Range

Other Temp Range:	-30 to +70 °C
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### Mechanical Characteristics

Min. Bend Radius During Installation:	128 mm
Min. Bend Radius During Operation:	192 mm

### Standards

CENELEC Compliance:	EN 50290-2-20
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### Applicable Environmental and Other Programs

Environmental Space:	Indoor
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### Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

### Related Part Numbers

#### Variants

Item #	Color	Put-Up Type	Length	EAN
70054CH.00500	Violet	Reel	500 m	8719605144720

### History

Update and Revision:	Revision Number: 0.101 Revision Date: 12-22-2023
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