

**Part Number:** 70054CH



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

**Product Description**

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

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor
Suitable Applications:	8-pair 26AWG halogen-free multi-core cable; For digital audio

**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	FPE - Foamed Polyethylene	1.10 mm	0.03 mm

**Color Chart**

Number	Color
Pair 1 t/m 8	White&Blue

**Inner Shield Material**

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

InnerShield, Table Note:	Aluminum inside
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**Inner Jacket Material**

Material	Nominal Diameter
FRNC / LSZH	2.90 mm

InnerJacket, Table Note:	Jacket single element, elements are numbered 1 - 8
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**Outer Shield Material**

Type	Material	Coverage [%]	Drainwire AWG
Foil	Aluminum/Polyester	100 %	7xAWG34

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	12.80mm	1.30 mm

**Construction and Dimensions**

**Cabling**

**Description**

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

**Mechanical Characteristics**

Min Bend Radius During Installation: 128 mm

Min Bend Radius During Operation: 192 mm

**Standards**

CENELEC Compliance: EN 50290-2-20

**Applicable Environmental and Other Programs**

EU RoHS Compliance Date (yyyy-mm-dd): 2017-09-08

**Flammability, LSOH, Toxicity Testing**

ISO/IEC Flammability: IEC 60332-1-2

Amount of Halogen acc. to IEC 60754-1 &amp; EN50267-1: Zero

**Part Number****Variants**

Item #	Color	Length
70054CH.00500	Violet	500 m

**History**

Update and Revision: Revision Number: 0.58 Revision Date: 09-02-2019

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