

Single Pair Digital Wiring Installation Cable AES-EBU (LSZH)



Event[®] install



Application

Ideal for fixed wiring of digital equipment and patch boards for professional audio applications. The characteristic impedance of 110 Ohm makes it suitable for digital sound transmissions according to the AES3 standards and also DMX signals. The overall sheath is a Low Smoke Zero Halogen material. The finished product is ideal for use in public buildings where LSZH cables are specified. It can be used for analogue or digital applications.

Cable Design

Conductor	Oxygen Free Tinned Copper (7 x 0,20mm) 0,22m ²
Insulation	Foam Polyethylene (PE)
Pair.....	2 cores twisted to a pair (Blue / White)
Drain Wire	Stranded tinned copper
Screen	Overall Aluminium/polyester tape (Alu. Inside) *Screen bonded to Outer Jacket*
Outer Jacket.....	LSZH FireFighter [®]

Characteristics

- For fixed wiring of digital equipment and patch boards
- 110Ω suitable for digital sound transmission acc. to AES3 and DMX signals
- EasyStrip bonded screen for fast termination
- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754-1
- Smoke Density acc. to IEC 61034-1
- CPR Class Dca-s1,d1,a1



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Technical Data

Nom. Capacitance	47	pF/m
Impedance	110	Ω
Conductor Resistance	< 85	Ω/km
Insulation Resistance (nom.)	500	MOhm x km
Attenuation (1 MHz)	2,3	dB/100m
Attenuation (3 MHz)	3,9	dB/100m
Attenuation (10 MHz)	6,9	dB/100m

Specification

Cross Section	Part Number	Overall Diameter [mm]	Colour
	110-4601-01	3,50 ± 0,5	Black
	110-4601-02	3,50 ± 0,5	Blue
	110-4601-03	3,50 ± 0,5	Green
	110-4601-04	3,50 ± 0,5	Red
	110-4601-05	3,50 ± 0,5	Grey
	110-4601-06	3,50 ± 0,5	Yellow
	110-4601-08	3,50 ± 0,5	Orange
	110-4601-09	3,50 ± 0,5	Violet
	110-4601-10	3,50 ± 0,5	White
	110-4601-12	3,50 ± 0,5	Brown