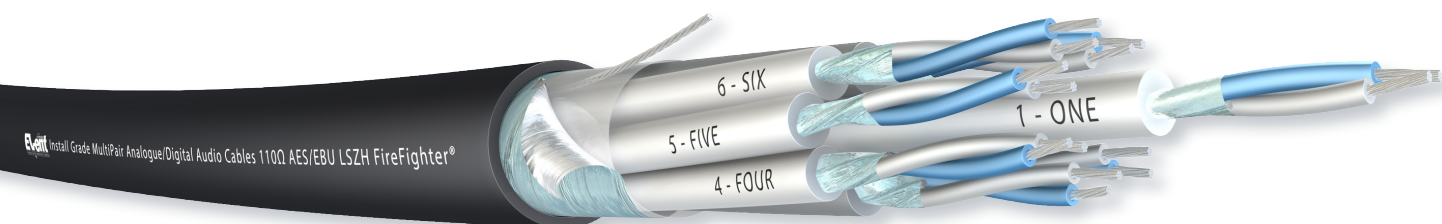


Install Grade MultiPair Analogue/Digital Audio Cables 110Ω AES/EBU LSZH FireFighter[®]



Event[®] install



Application

Event[®] 110Series Pre-Jacketed digital/analogue audio multicore, individually foil shielded and overall foil shield. The individual elements of this multicore has the same low loss characteristics as our 110-1601 single pair product which delivers real 110Ω AES/EBU performance. The foil screen can easily be removed with pair sheath for easier termination. The finished product is ideal for use in public buildings where LSZH cables are specified.

Cable Design

Shielded Pair

- Conductor..... Oxygen Free Tinned Copper (7 x 0,20mm) 0,22m²
- Insulation..... Foam Polyethylene (PE) with skin
- Pair..... 2 cores twisted to a pair (Blue / White)
- Drain Wire..... Stranded tinned copper
- Screen..... Overall Aluminium/polyester tape (Aluminium Inside)
- Sheath..... LSZH FireFighter[®] Ø 3,50 mm

Core

- Assembly..... Multiple pair counts layed up with fillers where needed.
- Tape..... Polyester tape wrapped around pairs
- Drain Wire..... Stranded tinned copper
- Screen..... Overall Aluminium/polyester tape (Aluminium Inside)

- Outer Jacket**..... LSZH FireFighter[®]
- Colour..... Black

Characteristics

- For use in stage box systems or fixed installation
- 110Ω AES\EBU performance
- CPR Euroclass : Cca,s1b,d1,a1
- Flame Retardent acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754-1
- Smoke Density acc. to IEC 61034-1










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110Ω AES/EBU LSZH FireFighter®

Technical Data

Max. Working Voltage	250 V
Test Voltage	1500 V ac/1 min.
Capacitance (Conductor/Shield) max.	74,35 pF/m
Capacitance (Core/Core)	47 pF/m
Characteristic Impedance	110 Ω
Nom. Attenuation - 10 MHz	14,9 dB/100m
Conductor Resistance	88 Ω/km nom.
Insulation Resistance	> 500 MΩ/km
Min. Bending Radius	7,5 x Ø
Working Temperature	-30 °C up to +85 °C

Specification

Cross Section	Part Number	No, of Pairs	Overall Diameter [mm ± 10%]	Weight [kg/km]
	110-i4602	2	9,1	92
	110-i4604	4	10,7	145
	110-i4608	8	14,0	207
	110-i4612	12	17,1	308
	110-i4616	16	19,1	388
	110-i4624	24	25,6	577
	110-i4632	32	26,2	732