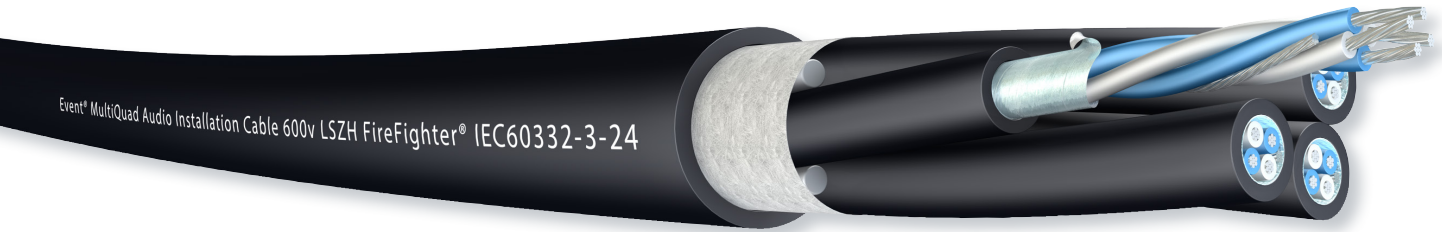


Quad / MultiQuad Audio Installation Cable 110 Ohm AES/EBU Compliant

Event[®] install



Application

The 220Series Installation starquad cable is ideal for fixed wiring for professional audio applications. Four conductors are protected from electromagnetic interference with an aluminium polyester foil shield giving 100% shielding, earthed with a tinned copper drain wire for faster termination. 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.

Cable Design

Shielded Quad

Conductor.....	Stranded Tinned Copper (7 x 0,20mm) 0,22mm ²
Insulation.....	Polyethylene (PE) Ø 1,30 ± 0,05 mm [0,35mm RT]
Core stranding.....	Cores twisted to Quad formation
Core Identification.....	Blue/White/Blue/White
Tape.....	PET tape wrapped
Drain Wire.....	-7/0,15mm tinned copper drain wire
Screen.....	-Aluminium/polyester tape (Aluminium Inside)
Sheath.....	LSZH FireFighter® Black [0,6mm RT]
Diameter.....	Ø 4,70 mm ± 10 %

Core

Assembly.....	Multiple Sub Cables numbered for identification and layed up with fillers where necessary.
Tape.....	Non-woven tape wrapped
Outer Jacket.....	LSZH FireFighter®, Black

Characteristics

- 110 Ω AES/EBU Compliant
- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754-1
- Smoke Density acc. to IEC 61034-1



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Quad Connections





Quad connections are terminated using two diagonally opposite conductors, each pair forms one transmission path.

For more information please visit [“Starquad Wiring”](#)

Electrical Data

Nom. Capacitance	52	pF/m
Conductor Resistance (max.)	88	Ω/km nom.
Insulation Resistance (nom.)	500	MΩm x km
Velocity of Propagation	66	%
Temperature Rating	-20 to +70	°C
Working Voltage (max.)	300	V
Test Voltage	1200	V AC/1 min.

Specification

Cross Section	Part Number	No. of Quads <i>[N x 4 x mm²]</i>	Sub Cable Sheath Thickness Nom. <i>(mm)</i>	Outer Jacket Thickness Nom. <i>(mm)</i>	Overall Diameter ±10% <i>(mm)</i>	Cable Weight Nom. <i>(kg/km)</i>
	220-4601-01	1 x 4 x 0,22	0,6	0,8	4,70	40
	220-4602	2 x 4 x 0,22	0,6	1,30	13,0	140
	220-4604	4 x 4 x 0,22	0,6	1,30	14,0	230
	220-4608	8 x 4 x 0,22	0,6	1,40	19,1	420