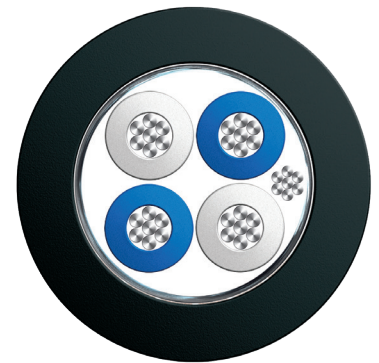


EventSeries®

Quad / MultiQuad Audio Installation Cable

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

Sub Cable

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
Screen	-Aluminium/polyester tape (Aluminium Inside) -7/0,15mm tinned copper drain wire
Sheath	LSZH FireFighter® Black [0,6mm RT]
Diameter	Ø 4,70 ± 0,15 mm

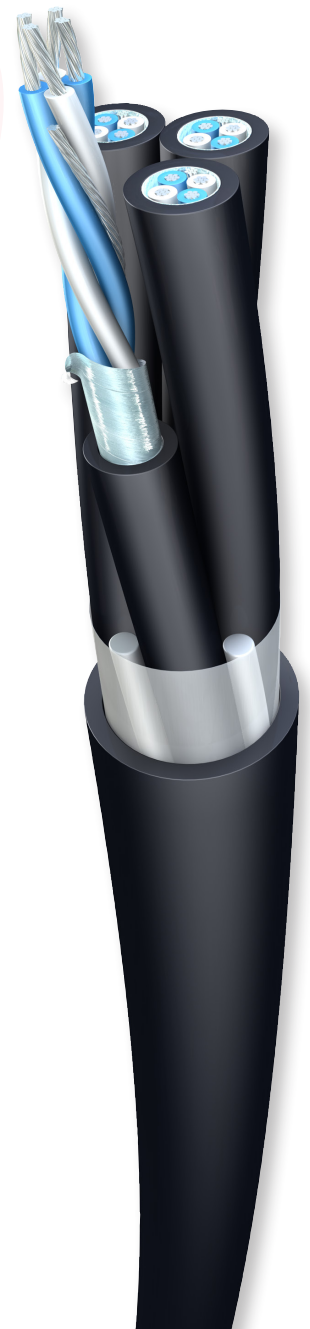
MultiQuad Construction

Assembly	Multiple Sub Cables numbered for identification and layed up with fillers where necessary.
Tape	Non-woven tape wrapped

Outer Jacket LSZH FireFighter® Black

Quad Connections

Quad connections are terminated using two diagonally opposite conductors, each pair forms one transmission path. For more information please visit "[Starquad Wiring](#)"



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Electrical Data

Nom. Capacitance core/core	78,74	pF/m nom.
Nom. Capacitance core /screen	154,2	pF/m nom.
Conductor Resistance (max.)	85	Ohm/km
Insulation Resistance (min.)	10	GOhm/km
Velocity of Propagation	66	%
Temperature Rating	-20 to +70	°C
Working Voltage (max.)	300	V
Test Voltage	1200	V AC/1 min.

Characteristics

Flame Retardant	acc. to IEC 60332-1
Halogen Free	acc. to IEC 60754-1/2
Smoke Density	acc. to IEC 61034

Specification

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	-	4,70	40
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

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