

FireFighter® 420Series

LSZH Multi-Pair 18awg IEC60332-1 600V

Application

A range of individually screened multi-pair 18awg cables for use in instrumentation, audio and control applications where protection against electrical interference and cross-talk between pairs is required. These cables use FireFighter® Low Smoke Zero Halogen performance materials.



Cable Design

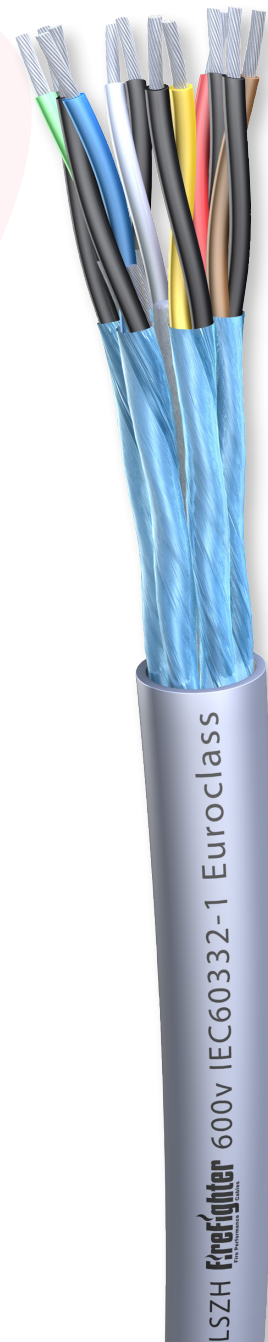
Conductor	Stranded tinned copper wire (18awg)
Insulation	Polypropylene (PP)
No. of Pairs	2, 3, 4, 6 or 9 - Colour coded to Chart 3
Individual Screen	each pair Aluminium/Polyester tape wrapped + Stranded tinned copper drain wire
Outer Jacket	LSZH FireFighter® SHF-1

Characteristics

- Colour Grey RAL 7001
- Rated Voltage 600 V
- Temperature Range -20 °C up to +90 °C

Fire Behaviour

- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754
- Smoke Emission acc. to IEC 61034
- Euroclass Eca



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Specification

Part Number	Formation N° x Pair x AWG	Nom. Ø mm	Weight kg/km
4202P1824	2 x 2 x 18 awg	9,40	85
4203P1824	3 x 2 x 18 awg	10,26	118
4204P1824	4 x 2 x 18 awg	12,60	150
4206P1824	6 x 2 x 18 awg	14,22	209
4209P1824	9 x 2 x 18 awg	16,64	289

Electrical Characteristics

Nom. Capacitance (cond./cond.) pF/m	Nom. Capacitance (cond./cond./scrn) pF/m	Nom. Conductor DC Resistance Ω/km	Nom. Shield DC Resistance Ω/km	Nom. Impedance Ω
98	180	21	27,2	50

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