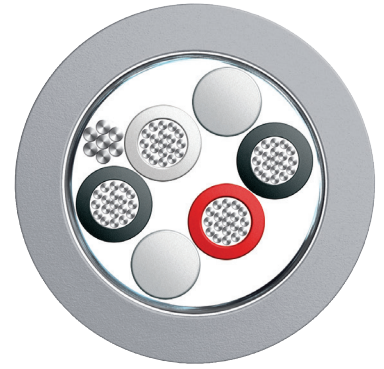


# FireFighter® 410 Series

LSZH Multi-Pair 18awg Shielded 600V



## Application

A range of multi-pair 18awg Power-Limited Tray Cables designed to provide protection against electrical interference. These cables use FireFighter® Low Smoke Zero Halogen performance materials.

## Cable Design

Conductor	Stranded tinned copper wire (18awg)
Insulation	LSZH FireFighter®
No. of Pairs	1, 2, 3, 4, 8 or 12 Colour code acc. to Chart 3
Drain Wire	Stranded tinned copper wire
Overall Shield	Overall Aluminium/Polyester tape
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 [± 0,5]	Weight kg/km
4101P1844	1 x 2 x 18 awg	6,30	52,2
4102P1844	2 x 2 x 18 awg	9,60	90
4103P1844	3 x 2 x 18 awg	10,80	126
4104P1844	4 x 2 x 18 awg	11,70	145
4108P1844	8 x 2 x 18 awg	16,5	275
4112P1844	12 x 2 x 18 awg	20,0	530

## Electrical Characteristics

No. of Pairs	Nom. Capacitance (cond./cond.)  pF/m	Nom. Capacitance (cond./cond./ screen)  pF/m	Nom. Conductor DC Resistance  Ω/km	Nom. Shield DC Resistance  Ω/km	Nom. Inductance  μH/m
1	178	330	19,6	29,7	0,56
2 - 12	115,5	178,2	19,6	29,7	0,56

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