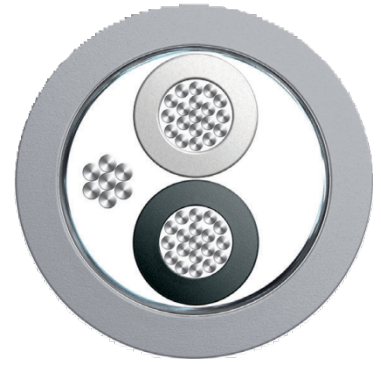


FireFighter® 410Series

LSZH Single Pair Shielded IEC60332-1 600V



Application

A range of shielded single pair cables for indoor use in instrumentation, data and audio applications where protection against electrical interference is required. Cables with polyethylene (PE) insulation such as these present lower signal loss. These cables use FireFighter® Low Smoke Zero Halogen performance materials.

Cable Design

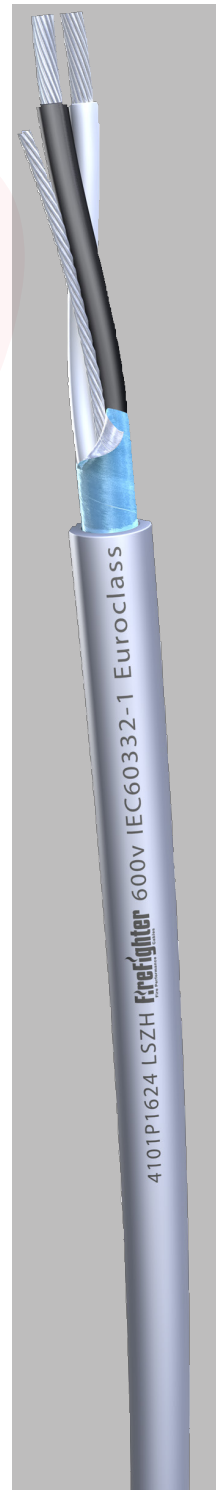
Conductor	Stranded tinned copper wire
Insulation	Polyethylene (PE)
No. of Pairs	1 (1x2xAWG) Colour coded - Black / White
Drain Wire	Stranded tinned copper wire
Overall Shield	Overall Aluminium/Polyester tape
Outer Jacket	LSZH FireFighter® SHF-1

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 [±10%]	Weight kg/km
4101P2224	1 x 2 x 22 awg	5,10	26
4101P2024	1 x 2 x 20 awg	5,18	33
4101P1824	1 x 2 x 18 awg	6,00	45
4101P1624	1 x 2 x 16 awg	7,95	60
4101P1424	1 x 2 x 14 awg	9,02	106
4101P1224	1 x 2 x 12 awg	10,16	142

Electrical Characteristics

Part Number	Nom. Capacitance (cond./cond.) pF/m	Nom. Capacitance (cond./cond./scrn) pF/m	Nom. Conductor DC Resistance Ω/km
4101P2224	72,6	140	54
4101P2024	84	155	33
4101P1824	90	166	23
4101P1624	75	139	14,5
4101P1424	77	144	9,7
4101P1224	82,5	161	5,3

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