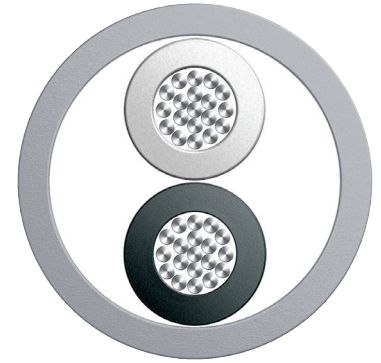


FireFighter® 400Series

LSZH Single Pair Unshielded 600V



Application

A range of unshielded single pair cables for indoor use in instrumentation, security, data and audio applications where protection against electrical interference is not required. These cables use FireFighter® Low Smoke Zero Halogen performance materials.

Cable Design

Conductor	Stranded tinned copper wire
Insulation	LSZH FireFighter®
No. of Pairs	1 (1x2xAWG)
Outer Jacket	LSZH FireFighter® SHF-1

Characteristics

- Colour Grey
- Rated Voltage 600 V
- Temperature Range -20°C up to +90°C
- UV Stable acc. to ISO 4892-2/A

Fire Behaviour

- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc. to IEC 60754
- Smoke Emission acc. to IEC 61034
- Euroclass : see specification table



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Specification

Part Number	Formation	Colour Code	Nom. Ø mm [±10%]	Weight kg/km	Euroclass
4001P2244	1 x 2 x 22 awg	black / red	4,32	18	Eca
4001P2044	1 x 2 x 20 awg	black / red	4,57	21	Dca-s2 d2-a1
4001P2044-BW	1 x 2 x 20 awg	black / white	4,57	21	Dca-s2 d2-a1
4001P1844	1 x 2 x 18 awg	black / red	6,00	39	Dca-s2 d2-a1
3001P1844	1 x 2 x 18 awg	black / white	6,00	39	Dca-s2 d2-a1
4001P1644	1 x 2 x 16 awg	black / white	6,50	65	Cca-s1,d1,a1
4001P1444	1 x 2 x 14 awg	black / white	8,64	96	Cca-s1,d1,a1
4001P1244	1 x 2 x 12 awg	black / white	9,80	142	Eca

Electrical Characteristics

Part Number	Nom. Capacitance (cond./cond.) pF/m	Nom. Conductor DC Resistance Ω/km	Nom. Inductance μH/m
4001P2244	98	51,4	0,56
4001P2044	80,8	33	0,56
4001P2044-BW	80,8	33	0,56
4001P1844	83,64	19,22	0,56
3001P1844	83,64	19,22	0,56
4001P1644	66,2	13,6	0,56
4001P1444	70	8,8	0,56
4001P1244	108	5,9	0,56

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