

Firecel SR 118

SILICONE INSULATION

SR/LSZH 300/500 V



Applications

FIRECEL SR 118 are designed, manufactured and tested as control cable for emergency services and fire circuit control.

Operating temperature

- 40 °C / +90 °C

Cable construction

Conductors

Plain copper conductor according to EN 60228 class 1 solid or class 2 stranded.

Insulation

High performance fire resistant silicone rubber.

Cabling

Insulated cores are cabled together.

Outer sheath

LSZH thermoplastic compound.
Colour red (other colours on request).

Colour code up to 4 cores to HD 308

2 cores: ● ●

3 cores: ● ● ●

4 cores: ● ● ● ●

Applicable Standards

Basic design

EN 50288-7

Fire resistant

BS 6387 (cat. C-W-Z)

BS EN 50200 (class 50200 - PH 60)

IEC 60331-21

Flame retardant

BS EN 60332-1-2

IEC 60332-3-22 cat. A

Acid gas emission

BS EN 60754-1

BS EN 60754-2

Smoke density

BS EN 61034-2

N° of cores x size (mm ²)	Size of conductors (n°/mm)	Outer diameter (mm)	Weight (kg/km)
1.5 mm² solid			
2x1.5	1/1.38	7.4	80
3x1.5	1/1.38	7.8	100
4x1.5	1/1.38	8.5	130
1.5 mm² stranded			
2x1.5	7/0.53	7.8	90
3x1.5	7/0.53	8.3	110
4x1.5	7/0.53	9.0	140
2.5 mm² solid			
2x2.5	1/1.75	8.7	110
3x2.5	1/1.75	9.2	150
4x2.5	1/1.75	10.1	190
2.5 mm² stranded			
2x2.5	7/0.67	9.2	120
3x2.5	7/0.67	9.8	160
4x2.5	7/0.67	10.7	200
4.0 mm² stranded			
2x4	7/0.85	10.3	160
3x4	7/0.85	11.0	220
4x4	7/0.85	12.0	280

Approximate values

Cables with cross section 0.5, 0.75, 1.0 sqmm can be supplied on request. Please contact our Technical Dpt. for further information on characteristics.