

FIRECEL SR 118

Silicone Insulation



U-SR/LSZH 300/500 V



Approved by ISIB (Institut de Sécurité Incendie - Belgium)

APPLICATIONS

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

OPERATING TEMPERATURE

-40°C to +90°C
(for insulated conductors only: max 200°C).

MINIMUM BENDING RADIUS

10 times the outer diameter.

CABLE CONSTRUCTION

Conductors

Plain annealed copper wire, solid according to EN 60228 class 1.

Insulation

High performance fire resistant silicone rubber type EI2.

Cabling

Insulated cores are cabled together.

Outer sheath

LSZH thermoplastic material type HM2. Colour orange (other colours on request).

COLOUR CODE

Without earth conductor

2 cores: ● ●

3 cores: ● ● ●

4 cores: ● ● ● ●

With earth conductor

3 cores: ● ● ●/●

4 cores: ● ● ● ●/●

APPLICABLE STANDARDS

Fire resistant

NBN C 30-004 (cat. F3)
NBN 713-020 (RF1 for section 1,5 mm²,
RF1.5 for section 2,5 mm²)
EN 50200 (PH90) / IEC 60331-21

Flame retardant

NBN C 30-004 (cat. F1) / EN 60332-1-2 /
IEC 60332-1-2

Fire retardant

NBN C 30-004 (cat. F2) / EN 60332-3-24
(cat. C) / IEC 60332-3-24 (cat. C)

Acid gas emission

EN 60754-1 / IEC 60754-1
EN 60754-2 / IEC 60754-2

Smoke density

EN 61034-2 / IEC 61034-2

N° of cond. x cross section (mm ²)	Outer diameter (mm)	Weight (kg/km)
1.5 mm² solid		
U-SR/LSZH		
2x1.5	7.4	70
3x1.5	7.9	93
4x1.5	8.8	122
2.5 mm² solid		
U-SR/LSZH		
2x2.5	8.8	105
3x2.5	9.4	141
4x2.5	10.4	183

approximate values