

FIRECEL SR 116H

Silicone Insulation



R-SR/LSZH 450/750 V

APPLICATIONS

FIRECEL SR 116H are designed, manufactured and tested for general application in power supply and signal wiring, for emergency circuit 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, stranded according to EN 60228 class 2.

Insulation

High performance fire resistant silicone rubber.

Cabling

Insulated cores are cabled together.

Outer sheath

LSZH thermoplastic material.

Colour red (other colours on request).

COLOUR CODE TO HD 308

Without earth conductor

2 cores: ● ●

3 cores: ● ● ●

4 cores: ● ● ● ●

5 cores: ● ● ● ● ●

Above 5 cores: ● numbered

With earth conductor

3 cores: ● ● ●

4 cores: ● ● ● ●

5 cores: ● ● ● ● ●

APPLICABLE STANDARDS

Fire resistant

CEI 20-36/2-1
EN 50200 (PH90)
IEC 60331-21

Flame retardant

EN 60332-1-2 / IEC 60332-1-2

Fire retardant

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 stranded		
R-SR/LSZH		
2x1.5	7.8	96
3x1.5	8.3	116
4x1.5	9.3	147
5x1.5	10.5	180
2.5 mm² stranded		
R-SR/LSZH		
2x2.5	9.2	138
3x2.5	9.8	169
4x2.5	11.3	222
5x2.5	12.3	259
4 mm² stranded		
R-SR/LSZH		
2x4	10.5	189
3x4	11.6	246
4x4	12.5	299
5x4	14.0	359

approximate values