

FIRECEL SR 104

FIRE RESISTANT CABLE



FIRE RESISTANCE



FIRE PROPAGATION



ZERO HALOGEN



FIRE RESISTANCE WITH MECHANICAL SHOCKS



FIRE AND WATER RESISTANCE



LOW SMOKE EMISSION



FIRECEL SR 104

SR 104



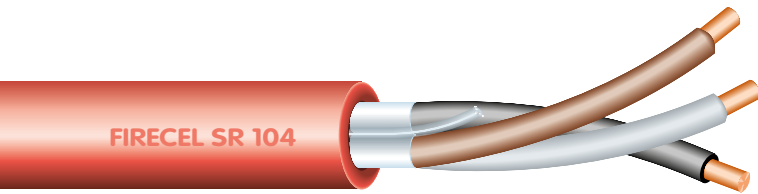
Caviced

Conducting Value

FIRECEL SR 104 300/500 V



Silicone Insulation / Overall Screen
Solid & Stranded conductor



BS EN 50200: 2015 - PH60 830°C fire and mechanical shocks

BS 6387:2013

Cat. C fire @ 950°C - 180 min

Cat. W fire 15 min + fire and water spray + 15 min.

Cat. Z fire and mechanical shocks @ 950°C - 15 min. fire

IEC 60331 - 21 (750°C)

APPLICATIONS

FIRECEL SR 104 are primarily intended for general application.

Typical applications are:

Fire detection and fire alarm systems for building, voice alarm, emergency voice communication, emergency lighting and central battery systems.

OPERATING TEMPERATURE

-25°C to +70°C

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

CABLE CONSTRUCTION

Conductors

Plain annealed copper wire, solid class 1 or stranded class 2 according to EN 60228.

Insulation

High performance fire resistant silicone rubber type EI2 to BS EN 50363-1.

Cabling

Insulated cores are cabled together.

Overall screen

Aluminium/polyester tape.

Drain wire

Uninsulated tinned copper conductor, 0,5 mm²

Outer sheath

LSZH thermoplastic material type LTS3 according BS 7655.

Colour red or white (other colours on request).

COLOUR CODE UP TO 4 CORES TO HD 308

2 cores: ● ●

3 cores: ● ● ●

4 cores: ● ● ● ●

N° of cores. x size	Size of conductors (n ² /mm)	Outer diameter (mm)	Net 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

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.

HEADQUARTERS AND FACTORY

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