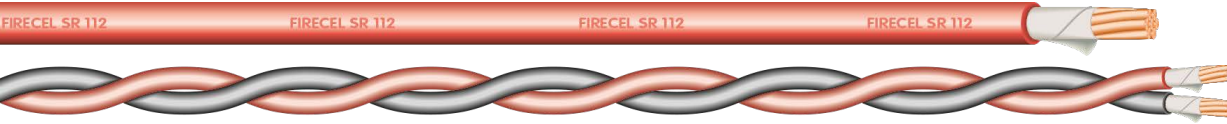


## FIRECEL SR 112

Single Core  
Mica/XLPE Insulation

## FIRECEL SR 112X

Twin Core  
Mica/XLPE Insulation



### R-mXLSZH - 450/750V



LPCB ref. 217d  
(only SR 112)

For the scope of the LPCB Approval  
see [www.redbooklive.com](http://www.redbooklive.com)

### APPLICATIONS

**FIRECEL SR 112** are designed, manufactured and tested as cable fixed or protected installation for emergency power supply, lighting and control gear.

### OPERATING TEMPERATURE

-20°C to +90°C

### MINIMUM BENDING RADIUS

8 times the outer diameter.

### CABLE CONSTRUCTION

#### Conductors

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

#### Insulation

Mica/Glass fire resistant tape covered by extruded cross-linked compound type EI5.

#### Twisting

Only for FIRECEL SR 112X two conductors are twisted.

### COLOUR CODE

**Single** core: ● ● ● ● (other colours on request)

**Twin** core: ● ● (other colours on request)

### APPLICABLE STANDARDS

#### Basic design

BS 8592

#### Fire resistant

IEC 60331-21

BS EN 50200 PH 120

BS EN 50200 + Annex E

BS 6387 Cat. C-W-Z

BS 8434-2

(tested in steel conduit)

#### Acid gas emission

EN 60754-1 / IEC 60754-1

EN 60754-2 / IEC 60754-2

#### Smoke density

EN 61034-2 / IEC 61034-2

Cross section (mm <sup>2</sup> )	Outer diameter (mm)	Weight (kg/km)
<b>SR 112</b>		
R-mXLSZH		
<b>single core</b>		
1.5	4.1	30
2.5	4.7	45
4	5.2	60
6	5.8	90
10	7.1	140
16	7.7	200
25	9.4	300

<b>SR 112X</b>		
R-mXLSZH		
<b>twin core</b>		
2x1.5	8.2	60
2x2.5	9.4	90
2x4	10.4	120
2x6	11.6	180
2x10	14.2	280
2x16	15.4	400
2x25	18.8	600

approximate values