

## FIRECEL SR 112

Single Core  
Mica/XLPE Insulation

## FIRECEL SR 112X

Twin Core  
Mica/XLPE Insulation



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

-40°C to +90°C

### MINIMUM BENDING RADIUS

6 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 7211

#### Fire resistant

BS 6387 (cat.C-W-Z tested in steel conduit)

#### Flame retardant

IEC 60332-1-2

#### 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>		
single core R-mXLSZH		
1.5	3.4	26
2.5	4.0	38
4	4.7	60
6	5.3	84
10	6.6	128
16	7.6	190
25	9.4	294
<b>SR 112X</b>		
twin core R-mXLSZH		
2x1.5	6.8	52
2x2.5	8.0	76
2x4	9.4	120
2x6	10.6	168
2x10	13.2	256
2x16	15.2	380
2x25	18.8	588

approximate values