

**New**

**FR-6387 SC**  
Fire resistant cables



**Info**

- Fire test certified and approved to BS 6387 Cat. CWZ
- Approved to SS 299 PLS Class 1A
- Single-core power cable, 0.6/1 kV



**Application range**

- Specially designed to be use for wiring applications in critical life safety system in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.
- In building management systems, emergency lightings, standby power supplies, lifts and elevators
- Plant engineering and construction, industrial machinery, power station

**Product features**

- Flame retardant acc. to IEC 60332-1-2 and to IEC 60332-3-22
- Halogen free acc. to IEC 60754-1
- Acid and corrosive gases acc. to IEC 60754-2
- Smoke density test acc. to IEC 61034

**Approvals (Norm references)**



- Fire test certified and approved to BS 6387 Cat. CWZ
- Approved to SS 299 PLS Class 1A

**Design**

- Stranded plain annealed copper wire
- Mica based fire resistance tape
- LSHF insulation - flame retardant
- Colour: orange

**Technical data**

- Approvals**  
BS 6387 Cat. CWZ, SS 299-1 PLS Class 1A
- Conductor stranding**  
acc. to IEC 60228 Cl. 2
- Minimum bending radius**  
10 x cable diameter
- Nominal voltage**  
U<sub>0</sub>/U: 600/1000 V
- Test voltage**  
3500 V
- Temperature range**  
-15 °C to +85 °C

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3806501	1.0	3.8	9.6	25
3806502	1.5	4.1	14.4	32
3806503	2.5	4.6	24.0	44
3806504	4.0	5.3	38.4	64
3806505	6.0	5.9	57.6	88
3806506	10.0	6.8	96.0	131
3806507	16.0	8.1	153.6	196
3806508	25.0	9.4	240.0	289
3806509	35.0	10.7	336.0	394
3806510	50.0	12.3	480.0	545
3806511	70.0	14.2	672.0	752
3806512	95.0	16.0	912.0	992
3806513	120.0	17.8	1,152.0	1243
3806514	150.0	19.7	1,440.0	1543
3806515	185.0	21.6	1,776.0	1889
3806516	240.0	24.3	2,304.0	2438
3806517	300.0	26.9	2,880.0	3017

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.