



FR-6387 SC

Fire resistant cables

i Info

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms 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

Norm references / Approvals

- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Approved to IEC 60332-3-22 Cat. A

Product Make-up

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

Technical data

- Classification**
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057
- Conductor stranding**
acc. to IEC 60228 Cl. 2
- Minimum bending radius**
10 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Temperature range**
-15°C to +85°C

Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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3806501	1	3.8	9.6	25
3806502	1.5	4.1	14.4	32
3806503	2.5	4.6	24.0	44
3806504	4	5.3	38.4	64
3806505	6	5.9	57.6	88
3806506	10	6.8	96.0	131
3806507	16	8.1	153.6	196
3806508	25	9.4	240.0	289
3806509	35	10.7	336.0	394
3806510	50	12.3	480.0	545
3806511	70	14.2	672.0	752
3806512	95	16.0	912.0	992
3806513	120	17.8	1,152.0	1,243
3806514	150	19.7	1,440.0	1,543
3806515	185	21.6	1,776.0	1,889
3806516	240	24.3	2,304.0	2,438
3806517	300	26.9	2,880.0	3,017

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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