

### FR-6387 MC

Fire resistant cables



#### Application range

- Specially designed to be used for wiring applications in critical life safety systems 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
- XLPE insulation
- LSHF outer sheath
- Colour: orange

#### 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

#### 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**  
 U<sub>0</sub>/U: 600/1000 V
- Temperature range**  
 -30°C to 90°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>FR-6387 MC</b>				
3806521	2 X 1.5	10.0	28.8	126
3806522	2 X 2.5	10.9	48.0	160
3806523	2 X 4	12.3	76.8	218
3806524	2 X 6	13.6	115.2	285
3806525	2 X 10	15.5	192.0	404
3806526	2 X 16	17.8	307.2	573
3806527	2 X 25	21.4	480.0	852
3806531	3 X 1.5	10.7	43.2	151
3806532	3 X 2.5	11.6	72.0	195
3806533	3 X 4	13.2	115.2	270
3806534	3 X 6	14.5	172.8	359
3806535	3 X 10	16.6	288.0	520
3806536	3 X 16	19.1	460.8	748
3806537	3 X 25	23.0	720.0	1,120
3806541	4 X 1.5	11.7	57.6	181
3806542	4 X 2.5	12.8	96.0	236
3806543	4 X 4	14.5	153.6	332
3806544	4 X 6	16.0	230.4	445
3806545	4 X 10	18.4	384.0	650
3806546	4 X 16	21.1	614.4	942
3806547	4 X 25	25.4	960.0	1,416
3806551	5 X 1.5	12.8	72.0	215
3806552	5 X 2.5	14.1	120.0	283
3806553	5 X 4	16.0	192.0	399
3806554	5 X 6	17.7	288.0	538
3806555	5 X 10	20.3	480.0	790
3806556	5 X 16	23.3	768.0	1,149
3806557	5 X 25	28.1	1,200.0	1,732

- 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.