

New

FR-6387 MC

Fire resistant cables

LAPP KABEL FR-6387 MC 4G2.5 0.6/1KV BS6387 CWZ TUV SUD PSB LISTED SS299-1 LIC 00273



Info

- Fire test certified and approved to BS 6387 Cat. CWZ
- Approved to SS 299 PLS Class 1A
- Multicore 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
- XLPE insulation
- LSHF outer sheath
- 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
U₀/U: 600/1000 V



Test voltage
3500 V



Temperature range
-30°C to +90°C

Article number	No. of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3806521	2 x 1.5	10.0	28.8	126
3806522	2 x 2.5	10.9	48.0	160
3806523	2 x 4.0	12.3	76.8	218
3806524	2 x 6.0	13.6	115.2	285
3806525	2 x 10.0	15.5	192.0	404
3806526	2 x 16.0	17.8	307.2	573
3806527	2 x 25.0	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 4.0	13.2	115.2	270
3806534	3 x 6.0	14.5	172.8	359
3806535	3 x 10.0	16.6	288.0	520
3806536	3 x 16.0	19.1	460.8	748
3806537	3 x 25.0	23.0	720.0	1120
3806541	4 x 1.5	11.7	57.6	181
3806542	4 x 2.5	12.8	96.0	236
3806543	4 x 4.0	14.5	153.6	332
3806544	4 x 6.0	16.0	230.4	445
3806545	4 x 10.0	18.4	384.0	650
3806546	4 x 16.0	21.1	614.4	942
3806547	4 x 25.0	25.4	960.0	1416
3806551	5 x 1.5	12.8	72.0	215
3806552	5 x 2.5	14.1	120.0	283
3806553	5 x 4.0	16.0	192.0	399
3806554	5 x 6.0	17.7	288.0	538
3806555	5 x 10.0	20.3	480.0	790
3806556	5 x 16.0	23.3	768.0	1149
3806557	5 x 25.0	28.1	1,200.0	1732

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.