

Building Installation

Halogen-free installation cables

FR-6387 MC CONTROL

Fire resistant cables

LAPP KABEL FR-6387 MC CONTROL 6x2.5 300/500V 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 control cable, 300/500 V

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
- Approved to IEC 60332-3-22 Cat. A

Product Make-up

- Stranded plain annealed copper wire
- Mica based fire resistance tape
- XLPE insulation
- Binder tape
- 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**
U_i/U: 300/500 V
- Test voltage**
2000 V
- Temperature range**
-30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3806560	2 x 1	7.8	BK/RD	19.2	69
3806561	2 x 1	7.8	BK/WH	19.2	69
3806562	2 x 1	7.8	BU/BN	19.2	69
3806563	3 x 1	8.8	BN/BK/GY	28.8	88
3806564	4 x 1	9.6	BU/BN/BK/GY	38.4	110
3806565	5 x 1	10.5	GNYE/BU/BN/BK/GY	48.0	136
3806566	7 x 1	11.5	WH	67.2	170
3806567	8 x 1	13.0	WH	76.8	199
3806568	10 x 1	14.8	WH	96.0	255
3806569	12 x 1	15.3	WH	115.2	281
3806570	14 x 1	16.2	WH	134.4	321
3806571	16 x 1	17.1	WH	153.6	367
3806572	19 x 1	18.1	WH	182.4	420
3806573	24 x 1	21.4	WH	230.4	545
3806574	27 x 1	21.9	WH	259.2	588
3806575	30 x 1	22.7	WH	288.0	663
3806576	33 x 1	23.7	WH	316.8	706
3806577	37 x 1	24.7	WH	355.2	782
3806578	61 x 1	31.3	WH	585.6	1257
3806580	2 x 1.5	8.5	BK/RD	28.8	88
3806581	2 x 1.5	8.5	BK/WH	28.8	88
3806582	2 x 1.5	8.5	BU/BN	28.8	88
3806583	3 x 1.5	9.9	BN/BK/GY	43.2	115
3806584	4 x 1.5	10.9	BU/BN/BK/GY	57.6	147
3806585	5 x 1.5	12.0	GNYE/BU/BN/BK/GY	72.0	182
3806586	7 x 1.5	13.1	WH	100.8	230
3806587	8 x 1.5	14.8	WH	115.2	268
3806588	10 x 1.5	17.0	WH	144.0	346
3806589	12 x 1.5	17.6	WH	172.8	383
3806590	14 x 1.5	18.5	WH	201.6	438
3806591	16 x 1.5	19.6	WH	230.4	502
3806592	19 x 1.5	20.8	WH	273.6	576
3806593	24 x 1.5	24.6	WH	345.6	749
3806594	27 x 1.5	25.2	WH	388.8	810
3806595	30 x 1.5	26.2	WH	432.0	913
3806596	33 x 1.5	27.3	WH	475.2	974
3806597	37 x 1.5	28.5	WH	532.8	1081
3806598	61 x 1.5	36.1	WH	878.4	1746
3806600	2 x 2.5	10.5	BK/RD	48.0	118
3806601	2 x 2.5	10.5	BK/WH	48.0	118
3806602	2 x 2.5	10.5	BU/BN	48.0	118
3806603	3 x 2.5	11.2	BN/BK/GY	72.0	157
3806604	4 x 2.5	12.3	BU/BN/BK/GY	96.0	203
3806605	5 x 2.5	13.5	GNYE/BU/BN/BK/GY	120.0	253
3806606	7 x 2.5	14.9	WH	168.0	322
3806607	8 x 2.5	16.9	WH	192.0	376
3806608	10 x 2.5	19.3	WH	240.0	485
3806609	12 x 2.5	20.0	WH	288.0	541
3806610	14 x 2.5	21.1	WH	336.0	621
3806611	16 x 2.5	22.4	WH	384.0	713
3806612	19 x 2.5	23.7	WH	456.0	821
3806613	24 x 2.5	28.1	WH	576.0	1066
3806614	27 x 2.5	28.8	WH	648.0	1158
3806615	30 x 2.5	29.9	WH	720.0	1305
3806616	33 x 2.5	31.2	WH	792.0	1396
3806617	37 x 2.5	32.5	WH	888.0	1552
3806618	61 x 2.5	41.4	WH	1,464.0	2517

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.

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