FR-6387 TP

Fire resistant cables

Fire resistant



LAPP KABEL FR-6387 TP



- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A
- Twisted Pair core, 300/500 V

® LAPP GROUP

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
- Plant engineering and construction, industrial machinery, power station

Product features

- Suitable for continuous operation at a max. conductor temperature of 90 degC
- Flame retardant acc. to IEC 60332-1-2 and 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)





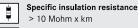
- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A

Product Make-up

- Stranded plain annealed copper wire
- Mica based fire resistance tape
- LSHF compound insulation
- Cores twisted into pair
- Polyester tape wrapping
- Aluminium/mylar tape shielding in contact with drain wire
- LSHF outer sheath flame retardant
- Colour: orange

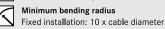
■ Technical data





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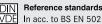
Conductor stranding acc. to IEC 60228 / BS 6360 Cl. 2



Rated voltage U_o/U: 300/500 V



Range of temperature -40°C to +90°C



In acc. to BS EN 50288-7, BS 6387

Part Number	No. of Cores / Pairs per conductor mm ²	Approx. Outer Diameter mm	Approx. Copper Weight kg/km	Approx. Cable Weight kg/km
3804688	1x2x1.5	8.8	33.3	85



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

FR-6387 SC 90

LAPP KABEL FR-6387 SC 90



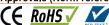
Application range

- 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

- Suitable for continuous operation at a max. conductor temperature of 90 degC
- Flame retardant acc. to IEC 60332-1-2
- 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)



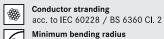
- Fire test certified and approved to BS 6387 Cat. CWZ
- Conforms to SS 299 PLS Class 1A

■ Product Make-up

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

Specific insulation resistance





Fixed installation: 8 x cable diameter Rated voltage U₀/U: 600/1000 V



Range of temperature -40°C to +90°C

Reference standards In acc. to IEC 60502-1, BS 6387

Part Number	No. of Cores mm ² per conductor	Approx. Outer Diameter mm	Approx. Copper Weight kg/km	Approx. Cable Weight kg/km
3804100	1x1.5	3.95	14.4	65
3804101	1x2.5	4.31	24.0	80
3804102	1x4	4.98	38.4	100
3804103	1x6	5.58	57.6	125
3804104	1x10	6.48	96.0	170
3804105	1x16	7.62	153.6	235