



Info

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

NEW

FR-6387 TP



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 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

| | |
|--|--|
| | Core identification code Red / Black |
| | Specific insulation resistance > 10 Mohm x km |
| | Conductor stranding acc. to IEC 60228 / BS 6360 Cl. 2 |
| | Minimum bending radius Fixed installation: 10 x cable diameter |
| | Rated voltage U ₀ /U: 300/500 V |
| | Test voltage 2000 V |
| | Range of temperature -40°C to +90°C |
| | Reference standards 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 |

NEW

FR-6387 SC 90



Info

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

- 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

Technical data

| | |
|--|---|
| | Specific insulation resistance > 10 Mohm x km |
| | Conductor stranding acc. to IEC 60228 / BS 6360 Cl. 2 |
| | Minimum bending radius Fixed installation: 8 x cable diameter |
| | Rated voltage U ₀ /U: 600/1000 V |
| | Test voltage 3500 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 |