



Novosafe Fire 450/750V

Fire resistant halogen free installation cable

- Fire resistant
- Halogen free
- Flame retardant
- No corrosive gases
- Low smoke

Fire resistant, halogen free installation cable. For signalling/fire alarm systems, control systems and other safety ensuring circuits. In case of fire the cable remains functioning for at least 90 minutes (PH90). During burning the cable does not emit corrosive gases or dense smoke. Cables are suitable for fixed installation inside building. For limited use outdoors if protected.

We reserve the right to make changes

Specification

| | |
|-----------------------------|--|
| RATED VOLTAGE UO/U | 450/750V |
| CONDUCTOR CLASS | ≤2,5mm ² Class 1 = solid wire / ≥6mm ² Class 2 = stranded wires |
| CONDUCTOR MATERIAL | Copper |
| CORE INSULATION | Ceramic silicone rubber |
| CORE IDENTIFICATION | 2 cores Brown+Blue 3 cores Brown+Blue+Green/Yellow 4 cores Brown+Black+Grey+Green/Yellow 5 cores Brown+Black+Grey+Blue+Green/Yellow ≥7 cores Black with numerals |
| PROTECTIVE CONDUCTOR | Yellow/Green |
| FABRIC LAPPING | Polyester |
| OUTER SHEATH | Halogen free special compound |
| SHEATH COLOUR | Orange |
| BENDING RADIUS FIXED | 10 x cable diameter |

| | |
|---------------------------------|---|
| MIN OPERATING TEMPERATURE FIXED | -40°C |
| MAX OPERATING TEMPERATURE FIXED | +80°C |
| LOWEST INSTALLATION TEMPERATURE | -10°C |
| TESTING VOLTAGE | 2000VAC / 5000VDC |
| HALOGEN-FREE ACC. TO | IEC 60754-2 |
| SMOKE EMISSION | IEC 61034-2 |
| FIRE RESISTANT | EN 50200(PH90), IEC-60331-1, -2, -11, -21, -23, |
| FLAME RETARDANT | IEC 60332-3-22 |

Variants

| E-NUMBER | DIMENSION N X MM ² | OUTER DIAMETER MM | WEIGHT KG/100M |
|----------|-------------------------------|-------------------|----------------|
| 0477000 | 2x1,5 | 8.1 | 7.8 |
| 0477010 | 3G1,5 | 8.7 | 10 |
| 0477020 | 4G1,5 | 9.7 | 13 |
| 0477030 | 5G1,5 | 10.6 | 16.5 |
| 0477140 | 7G1,5 | 11.5 | 21 |
| 0477100 | 2x2,5 | 9.7 | 11.4 |
| 0477040 | 3G2,5 | 10.2 | 15 |
| 0477050 | 4G2,5 | 11.1 | 19 |
| 0477060 | 5G2,5 | 12.3 | 24 |
| 0477120 | 5G6 | 15.7 | 43.1 |
| 0477130 | 5G10 | 18.1 | 64.9 |