

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	BVB
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	