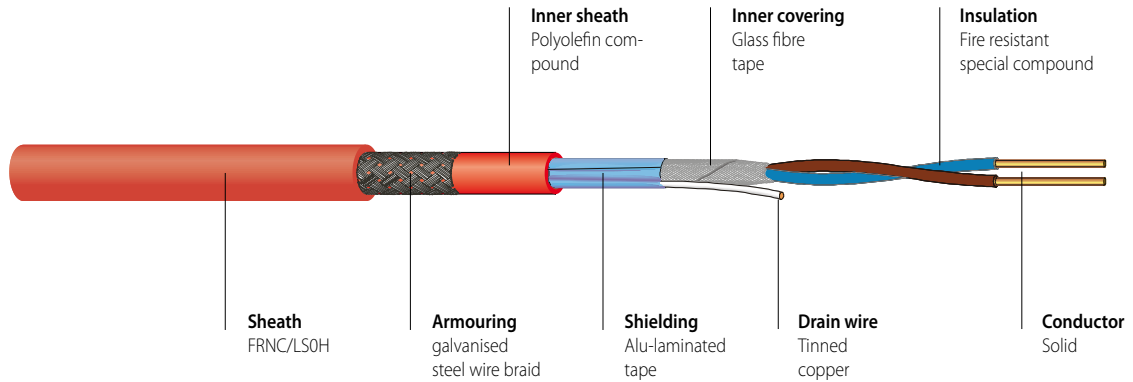


PREVENTIVE FIRE PROTECTION

Armoured Standard Fire Safety Cable

Fire alarm cable with steel wire braiding 300/500V

Halogen-free, with improved fire characteristics with reference to BS 7629-1



PRODUCT INFORMATION



APPLICATION Armoured cable for fire alarm systems and emergency lighting for permanent installation in buildings. Permitted operating temperature at conductor of +90°C.

CONSTRUCTION

Conductor	Bare copper, solid or stranded in accordance with IEC 60228 and EN 60228
Insulation	Special compound, BS EN 50363-5
Core colours	2 cores + earth: brown, blue 3 cores + earth: brown, black, grey 4 cores + earth: brown, black, grey, blue
Inner covering	Glass fibre tape
Shielding	Al-laminated tape and tinned copper drain wire IEC 60228 class 1 or 2, EN 60228
Inner sheath	Polyolefin compound
Armouring	GSWB, galvanised steel wire braid
Outer Sheath	Polyolefin compound, BS 7655 "LTS3"
Sheath colour	Red (white or black on request)
Imprint	On request

ELECTRICAL PROPERTIES

Nominal voltage	300/500V
Test voltage	2000V, 50Hz

GENERAL PROPERTIES

Minimum bending radius	during and permanent installation	6 x D (D = outer diameter)
Operating temperature	permanent installation	-15°C to +90°C
	during installation	-5°C to +50°C

- Zero halogen, non corrosive gases
 - Flame propagation
 - Flame spread
 - Smoke density
 - Circuit integrity [FE/PH]
- IEC 60754-1 and IEC 60754-2, EN 50267-2-1, EN 50267-2-2, VDE 0482-267 part 2-1 and part 2-2
 IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
 IEC 60332-3-22/-24 Cat. A/C, EN 60332-3-22/-24 Cat. A/C, VDE 0482-332-3-22/-24 Cat. A/C
 IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2
 IEC 60331-11/-21 (180 minutes), VDE 0472 part 814 (FE180), BS 6387 (cat. CWZ), BS EN 50200 (PH120), IEC 60331-2 (120 minutes), VDE 0482-200

pyrofil® Standard Fire Safety Cable 0511/e

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PRODUCT INFORMATION

Article No.	Colour	No. of cores x cross section		Cu content	Total weight	Outer diameter	Fire load
		n x mm ²		kg/km	app. kg/km	app. mm	kWh/m
184 580	red	2	x 1,5	48	190	12,0	0,40
	red	2	x 2,5	72	250	13,0	0,50

Stranded versions and additional dimensions available on request.