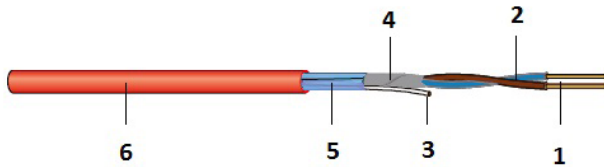


Enhanced Fire Safety Cable solid

Fire alarm cable, 300/500V

halogen-free, with improved fire characteristics,
BS 7629-1 and BS 5839-1 Enhanced



- 1 Conductor: solid
- 2 Insulation: fire resistant special compound (BS 7655)
- 3 Drain wire: tinned copper
- 4 Inner covering: glass fibre tape
- 5 Shielding: Al-laminated tape
- 6 Sheath: FRNC/LSZH



Description

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

Costruzione

Colori delle anime	2 cores + earth: blue, brown (Installation only according to BS 7671 – blue neutral, brown phase)
Conduttore	Bare copper, solid, IEC 60228 and EN 60228
Isolamento	Special compound, BS EN 50363-5
Outer sheath material	Polyolefin compound, BS 7655-6.1, LTS3
Rivestimento interno	Glass fibre tape
Shielding	Al-laminated tape and tinned copper drain wire; IEC 60228, EN 60228

Proprietà generali

Installation temperature	-5 °C - +50 °C
Integrità del circuito	No
Integrità dell'isolamento	PH 120
Operating temperature	-15 °C - +90 °C

Proprietà elettriche

Nominal voltage	300/500V
Test voltage 50Hz	2.000 V

Proprietà meccaniche

Curvatura minima durante l'installazione (multicore)	6 x D
Minimum bending radius permanent (multi core)	6 x D

Standards

Integrità del circuito (FE180)	IEC 60331-11/-21 (180 minutes),VDE 0472-814 (FE180),BS 6387 C/W/Z,IEC 60331-2 (120 minutes),VDE 0482-200 (PH120),AREI-RGIE Art.104-FR1,BS 8434-2,BS EN 50200
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Flame Propagation	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame Spread	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, AREI-RGIE Art.104-F2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

Nota

Additional dimensions available on request.

Versions

Numero Materiale	Product	Outer sheath colour	Numero di core	Diametro mm ²	Diametro esterno della guaina [mm]	Tasso di CU [kg/km]	Resistance	Voltage drop	Weight [kg/km]	Fire load [kWh/m]
188368	Enhanced Fire Safety Cable	rosso	2	1.5	8,3	43	12,1	29	97	0,19
188369	Enhanced Fire Safety Cable	bianco	2	1.5	8,3	43	12,1	29	97	0,19
188370	Enhanced Fire Safety Cable	rosso	2	2.5	9,7	72	7,41	18	140	0,26
188371	Enhanced Fire Safety Cable	bianco	2	2.5	9,7	72	7,41	18	140	0,26
191679	Enhanced Fire Safety Cable*	rosso	4	1.5	9,7	72	12,1	29	149	0,28

* not LPCB certified