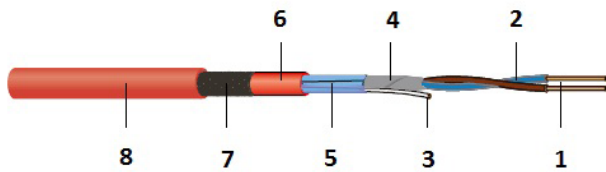


Armoured Standard Fire Safety Cable

Fire alarm cable, 300/500V, with steel wire braiding

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



- 1 Conductor: solid or stranded
- 2 Insulation: fire resistant special compound
- 3 Drain wire: tinned copper
- 4 Inner covering: glass fibre tape
- 5 Shielding: Alu-laminated tape
- 6 Inner sheath: Polyolefin compound
- 7 Armouring: galvanised steel wire band
- 8 Sheath: FRNC/LSZH



Description

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: blue, brown; 3 cores + earth: brown, black, grey, 4 cores + earth: blue, brown, black, grey
Shielding	Al-laminated tape and tinned copper drain wire, IEC 60228 class 1 or 2, EN 60228
Inner sheath	Polyolefin compound
Outer sheath material	Polyolefin compound, BS 7655-6.1, LTS3
Armouring (rodent protection)	Stahldrahtgeflecht mit ca. 70% Überdeckung

General properties

Installation temperature	-5 °C - +50 °C
Operating temperature	-15 °C - +90 °C

Electrical properties

Nominal voltage	300/500V
Test voltage at 50Hz	2,000 V

Mechanical properties

Minimum bending during installation (multi core)	6 x D
Minimum bending radius permanent (multi core)	6 x D

Standards

Insulation Integrity (FE180)	IEC 60331-11/-21 (180 minutes), VDE 0472-814 (FE180), BS 6387 C/W/Z, IEC 60331-2 (120 minutes), BS EN 50200 Annex E, VDE 0482-200 (PH120), AREI-RGIE Art.104-FR1, BS EN 50200
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD
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	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2, AREI-RGIE Art.104-F1
Flame spread	IEC 60332-3-22/-24, EN 60332-3-22/-24, VDE 0482-332-3-22/-24, AREI-RGIE Art.104-F2

Note

Additional dimensions available on request.

Versions

Material number	Product	Outer sheath colour	Outer sheath diameter [mm]	CU rate [kg/km]	Weight [kg/km]	Fire load [kWh/m]	GTIN / EAN
194031	Armoured Standard Fire Safety Cable	red	11.5	48	184	0.40	40393910064834

Subject to technical modification

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