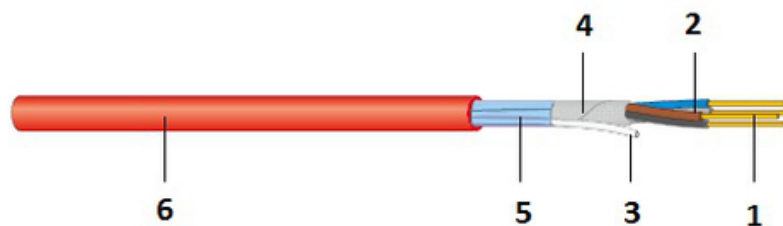


Standard Fire Safety Cable

Fire alarm cable, 300/500V



- 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.

CONSTRUCTION

Conductor	Bare copper, solid, 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
Inner covering	Glass fibre tape
Shielding	Al-laminated tape and tinned copper drain wire IEC 60228, EN 60228
Sheath	Polyolefin compound, BS 7655, "LTS3"
Sheath colour	Red, white (other colours on request)

MECHANICAL PROPERTIES

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

NOTE

* selected sizes

Additional dimensions available on request.

ELECTRICAL PROPERTIES

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

Standard Fire Safety Cable

Fire alarm cable, 300/500V



STANDARDS

Zero halogen, no corrosive gases	IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2, 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 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
Circuit Integrity (FE180)	IEC 60331-11/-21 (180minutes), VDE 0472 part 814 (FE180), BS 6387 (cat. CWZ), BS EN 50200 Annex E (30 minutes), BS EN 50200 (PH120), IEC 60331-2 (120 minutes), VDE 0482-200, AREI-RGIE Art.104-FR1

VERSIONS

Article Number	Product	Sheath colour	Dimension n x [mm2]	Sheath Ø [mm]	Weight [kg/km]	Cu rate [kg/km]	Fire load [kWh/m]
187204	Standard Fire Safety Cable	red	2 x 1	7.7	78	29	0.17
187205	Standard Fire Safety Cable	white	2 x 1	7.7	78	29	0.17
187209	Standard Fire Safety Cable	red	2 x 1.5	8.3	98	43	0.19
187161	Standard Fire Safety Cable	white	2 x 1.5	8.3	98	43	0.19
187214	Standard Fire Safety Cable	red	2 x 2.5	9.7	141	72	0.26
187162	Standard Fire Safety Cable	white	2 x 2.5	9.7	141	72	0.26
187206	Standard Fire Safety Cable	red	3 x 1	8.1	95	38	0.20
188154	Standard Fire Safety Cable	white	3 x 1	8.1	95	38	0.20
187210	Standard Fire Safety Cable	red	3 x 1.5	8.7	120	58	0.23
187211	Standard Fire Safety Cable	white	3 x 1.5	8.7	120	58	0.23
187215	Standard Fire Safety Cable	red	3 x 2.5	10.3	181	96	0.31
187216	Standard Fire Safety Cable	white	3 x 2.5	10.3	181	96	0.31
187207	Standard Fire Safety Cable	red	4 x 1	9.0	119	48	0.25
187208	Standard Fire Safety Cable	white	4 x 1	9.0	119	48	0.25
187212	Standard Fire Safety Cable	red	4 x 1.5	9.7	150	72	0.28
187213	Standard Fire Safety Cable	white	4 x 1.5	9.7	150	72	0.28
187217	Standard Fire Safety Cable	red	4 x 2.5	11.4	224	120	0.39
188155	Standard Fire Safety Cable	white	4 x 2.5	11.4	224	120	0.39
188317	Standard Fire Safety Cable	red	7 x 1.5	11.6	230	115	0.42