

Fire Resistant Cable



Standard

BS 7846, BS 8491, BS 8519, EN 60228

Design

Conductor	Stranded bare copper As per EN 60228 cl. 2
Fire Barrier Tape	Mica Glass Tape
Insulation	XLPE
Bedding	LSZH
Armour	SWA
Sheath	LSZH

Fire Resistant Cable



Characteristics

Voltage Rating	600/ 1000V
Test Voltage	1200/ 1500V
Temperature Rating	Fixed: -10°C to +90°C Flexing: -5°C to +90°C
Min. Bending Radius	Fixed: 8 X OD Flexing: 18 X OD
Flame Retardant	IEC 60332-1 (Optional)
Fire Resistance test	BS 6387 (Cat C-W-Z) BS 7846 F2
Insulation Resistance	20 MΩ X km

Application

Designed for applications where circuit integrity is important even in fire hazard condition. Used for power circuit, emergency lighting, fire alarm systems, critical valves etc

Fire Resistant Cable



Part NO.	No. of Cores	Insulation Thickness (In mm)	Armour Size (In mm)	Overall Diameter (In mm)	Wt (Kg/ Km)
1.5 sq.mm.					
UP100302W	2	0.6	0.9	12.4	240
UP100303W	3	0.6	0.9	12.9	260
UP100304W	4	0.6	0.9	13.8	367
UP100305W	5	0.6	0.9	14.6	370
UP100307W	7	0.6	0.9	15.9	405
UP100312W	12	0.6	1.25	20.6	675
UP100319W	19	0.6	1.25	23.6	890
UP100327W	27	0.6	1.6	28.3	1300
UP100337W	37	0.6	1.6	31.1	1650
UP100348W	48	0.6	1.6	35.1	1950
2.5 sq.mm.					
UP100402W	2	0.7	0.9	13.8	300
UP100403W	3	0.7	0.9	14.4	320
UP100404W	4	0.7	0.9	15.4	454
UP100405W	5	0.7	0.9	16.1	470
UP100407W	7	0.7	0.9	17.7	520
UP100412W	12	0.7	1.25	23.3	697
UP100419W	19	0.7	1.6	27.5	1350
UP100427W	27	0.7	1.6	32.2	1700
UP100437W	37	0.7	1.6	35.5	2300
UP100448W	48	0.7	2	41.1	3000
4 sq.mm.					
UP100502W	2	0.7	0.9	15	360
UP100503W	3	0.7	0.9	15.7	400
UP100504W	4	0.7	0.9	16.9	556
UP100505W	5	0.7	0.9	18.5	680
UP100507W	7	0.7	1.25	20.3	750
UP100512W	12	0.7	1.6	26.5	1300
UP100519W	19	0.7	1.6	30.5	1750
UP100527W	27	0.7	1.6	36	2350
UP100537W	37	0.7	1.6	40.8	3445
UP100548W	48	0.7	2	46.2	4240
6 sq.mm.					
UP100602W	2	0.7	0.9	16	440
UP100603W	3	0.7	0.9	16.8	490
UP100604W	4	0.7	1.25	19	783

Fire Resistant Cable



UP100605W	5	0.7	1.25	20	810
10 sq.mm.					
UP100702W	2	0.7	0.9	18	580
UP100703W	3	0.7	1.25	19.6	760
UP100704W	4	0.7	1.25	21.2	1029
UP100705W	5	0.7	1.25	22.2	1090
16 sq.mm.					
UP100802W	2	0.7	0.9	20.5	860
UP100803W	3	0.7	1.25	21.8	1020
UP100804W	4	0.7	1.25	23.6	1367
UP100805W	5	0.7	1.6	25.8	1640
25sq.mm.					
UP100902W	2	0.9	1.25	24.7	1050
UP100903W	3	0.9	1.6	27	1600
UP100904W	4	0.9	1.6	29.3	2240
UP100905W	5	0.9	1.6	30.5	2250
35 sq.mm.					
UP101002W	2	0.9	1.6	27.8	1450
UP101002W	3	0.9	1.6	29.6	1950
UP101002W	4	0.9	1.6	32.2	2705
UP101002W	5	0.9	1.6	33.5	2850
50 sq.mm.					
UP101102W	2	1	1.6	25.4	1700
UP101102W	3	1	1.6	30.8	2250
UP101102W	4	1	1.6	32.6	375
UP101102W	5	1	2	38.5	3860
70 sq.mm.					
UP101202W	2	1.1	1.6	28.2	2250
UP101202W	3	1.1	1.6	33	2000
UP101202W	4	1.1	2	38	4560
UP101202W	5	1.1	2	44.5	5200
95 sq.mm.					
UP101302W	2	1.1	2	31.6	3050
UP101303W	3	1.1	2	37.9	4100
UP101304W	4	1.1	2	42	5805
120 sq.mm.					
UP101402W	2	1.2	2	31.6	3050
UP101403W	3	1.2	2	41.4	4950
UP101404W	4	1.2	2.5	46.8	7430
150 sq.mm.					

Fire Resistant Cable



UP101502W	2	1.4	2	38.6	4350
UP101503W	3	1.4	2.5	46.5	6350
UP101504W	4	1.4	2.5	51.6	8820
185 sq.mm.					
UP101602W	2	1.6	2.5	42.2	5650
UP101603W	3	1.6	2.5	51	7600
UP101604W	4	1.6	2.5	56.4	10600
240 sq.mm.					
UP101702W	2	1.7	2.5	47	6950
UP101703W	3	1.7	2.5	55.6	9550
UP101704W	4	1.7	2.5	61.8	13380
300 sq.mm.					
UP101802W	2	1.8	2.5	52.2	8350
UP101803W	3	1.8	2.5	62.1	11550
UP101804W	4	1.8	2.5	67.9	16255
400 sq.mm.					
UP101902W	2	2	2.5	58	11030
UP101903W	3	2	2.5	67.7	14400
UP101904W	4	2	3.15	78	21145

* The information mentioned in this document is for guidance only and is subjected to change without notice or liability. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.