

0.6/1 kV FRC/XLPE/LSHF

IEC 60502 (3 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Fire Barrier tape : Mica tape
3. Insulation : Cross-linked polyethylene (XLPE)
Identification : Red, Yellow and Blue color
4. Filler : Non-hygroscopic material
5. Binding tape : Non-hygroscopic material
6. Sheath : Low smoke halogen free thermoplastic compound (LSHF) Orange color

Application :

The cables are specially designed to maintain circuit integrity under stringent fire conditions for the following uses :

- Fire Fighting Pump Circuit
- Fire Alarm System
- Emergency Power Supply
- Exit Lighting Control

Nominal cross-sectional area sq.mm	Conductor		Thickness of Insulation (Nominal) mm	Thickness of Sheath (Nominal) mm	Overall diameter (Approx.) mm	Maximum conductor resistance (at 20°C) Ohm/km	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
	Strands	Diameter (Approx.) mm							
1.5	7/0.52	1.56	0.7	1.8	12.5	12.1	21	170	500/D
2.5	7/0.67	2.01	0.7	1.8	13.5	7.41	28	220	500/D
4	7/0.85	2.55	0.7	1.8	14.5	4.61	37	280	500/D
6	7/1.04	3.12	0.7	1.8	15.5	3.08	48	360	500/D
10	6	3.72	0.7	1.8	17.0	1.83	64	500	500/D
16	6	4.69	0.7	1.8	19.0	1.15	86	720	500/D
25	6	5.90	0.9	1.8	22.5	0.727	115	1070	500/D
35	6	6.95	0.9	1.8	25.5	0.524	140	1420	500/D
50	6	8.33	1.0	1.8	29.0	0.387	170	1880	500/D
70	12	9.73	1.1	1.9	32.5	0.268	215	2610	500/D
95	15	11.43	1.1	2.0	36.5	0.193	260	3510	500/D
120	18	12.95	1.2	2.1	40.5	0.153	305	4390	500/D
150	18	14.27	1.4	2.2	44.5	0.124	350	5400	400/D
185	30	15.98	1.6	2.4	49.5	0.0991	405	6750	400/D
240	34	18.47	1.7	2.6	60.0	0.0754	490	8780	250/D
300	34	20.68	1.8	2.7	61.5	0.0601	565	10890	200/D
400	53	23.39	2.0	3.0	70.0	0.0470	655	13880	150/D