

0.6/1 kV FR-CV

IEC 60502 (3 CORE)



Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE)
Identification : Red, Yellow and Blue color
3. Filler : Polypropylene (Non-hygroscopic material)
4. Binding tape : Polyester / Spunbond tape
5. Sheath : Flame Retardant Polyvinyl chloride (FR-PVC), Black color

Application :

The cable is designed for general purpose where flame retardant properties are required.

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	11.0	12.1	21	150	500/D
2.5	7/0.67	2.01	0.7	1.8	12.0	7.41	28	190	500/D
4	7/0.85	2.55	0.7	1.8	13.5	4.61	37	250	500/D
6	7/1.04	3.12	0.7	1.8	14.5	3.08	48	330	500/D
10	6	3.72	0.7	1.8	16.0	1.83	64	470	500/D
16	6	4.69	0.7	1.8	18.0	1.15	86	680	500/D
25	6	5.90	0.9	1.8	21.5	0.727	115	1040	500/D
35	6	6.95	0.9	1.8	24.0	0.524	140	1390	500/D
50	6	8.33	1.0	1.8	27.5	0.387	170	1840	500/D
70	12	9.73	1.1	1.9	31.5	0.268	215	2560	500/D
95	15	11.43	1.1	2.0	35.5	0.193	260	3460	500/D
120	18	12.95	1.2	2.1	39.5	0.153	305	4330	500/D
150	18	14.27	1.4	2.2	43.5	0.124	350	5340	400/D
185	30	15.98	1.6	2.4	48.5	0.0991	405	6680	400/D
240	34	18.47	1.7	2.6	55.0	0.0754	490	8700	300/D
300	34	20.68	1.8	2.7	60.5	0.0601	565	10800	250/D
400	53	23.39	2.0	3.0	68.0	0.0470	655	13780	200/D