

# 0.6/1 kV FR-CV

IEC 60502 (2 CORE)



## Construction :

1. Conductor : Concentric stranded or compact stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE)  
Identification : Red and Black 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	10.5	12.1	25	120	500/D
2.5	7/0.67	2.01	0.7	1.8	11.5	7.41	34	160	500/D
4	7/0.85	2.55	0.7	1.8	12.5	4.61	44	210	500/D
6	7/1.04	3.12	0.7	1.8	14.0	3.08	57	270	500/D
10	6	3.72	0.7	1.8	15.0	1.83	77	370	500/D
16	6	4.69	0.7	1.8	17.0	1.15	100	520	500/D
25	6	5.90	0.9	1.8	20.5	0.727	135	770	500/D
35	6	6.95	0.9	1.8	22.5	0.524	165	1020	500/D
50	6	8.33	1.0	1.8	26.0	0.387	205	1360	500/D
70	12	9.73	1.1	1.8	29.0	0.268	255	1860	500/D
95	15	11.43	1.1	1.9	33.0	0.193	315	2500	500/D
120	18	12.95	1.2	2.0	36.5	0.153	365	3130	500/D
150	18	14.27	1.4	2.1	40.5	0.124	415	3850	500/D
185	30	15.98	1.6	2.3	45.0	0.0991	485	4820	500/D
240	34	18.47	1.7	2.5	51.0	0.0754	580	6280	400/D
300	34	20.68	1.8	2.6	56.0	0.0601	675	7770	250/D
400	53	23.39	2.0	2.9	63.5	0.0470	790	9900	200/D