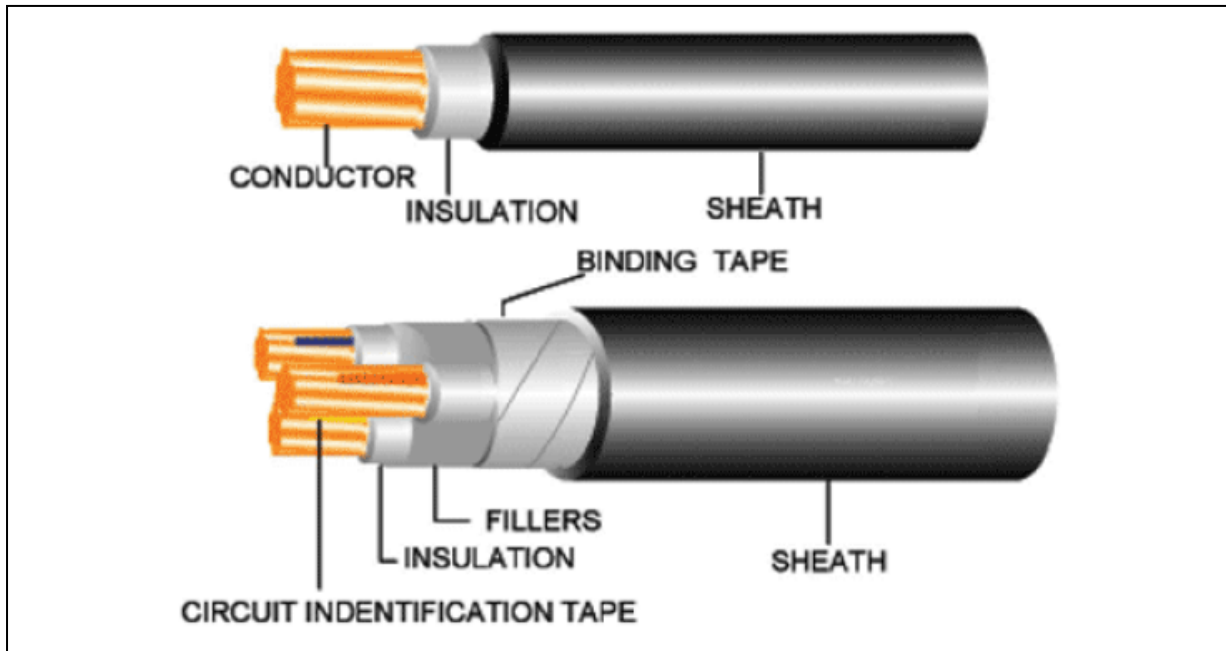


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## 0.6 /1 KV-CV

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0.6/1 kV. 90 ° C CROSS- LINKED POLYETHYLENE INSULATED PVC SHEATED POWERABLE



### CABLE STRUCTURE

<b>NUMBER OF CORE</b>	:	up to 4 cores
<b>CONDUCTOR</b>	:	Concentric stranded and compact round stranded annealed copper, Sizes. 1.5 mm <sup>2</sup> up to 1,000 mm <sup>2</sup>
<b>INSULATION</b>	:	Cross-linked polyethylene Color : Natural (Translucent) Core identification: Compound color Black, White, Red, green or color tape
<b>SHEATH</b>	:	PVC
<b>CLASSIFICATION</b>	:	Maximum conductor temperature 90°C Circuit voltage not exceeding 1,000 volts
<b>TESTING VOLTAGE</b>	:	3,500 volts
<b>REFERENCE</b>	:	IEC 60502-1



# 0.6/1KV-CV

IEC 60502-1 Standard

Number of cores	Nominal cross sectional area (mm <sup>2</sup> )	Number of stranded (Min)	Insulation thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Minimum insulation resistance at 20 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
1	1.5	7/0.53	0.7	1.4	6.3	12.1	2,500	50	27	500/D
	2.5	7/0.67	0.7	1.4	6.8	7.41	2,100	60	36	500/D
	4	7/0.85	0.7	1.4	7.3	4.61	1,700	80	48	500/D
	6	7/1.04	0.7	1.4	7.9	3.08	1,450	100	61	500/D
	10	6	0.7	1.4	8.4	1.83	1,250	140	82	500/D
	16	6	0.7	1.4	9.4	1.15	1,000	200	110	500/D
	25	6	0.9	1.4	11.0	0.727	1,050	300	145	500/D
	35	6	0.9	1.4	12.0	0.524	900	400	180	500/D
	50	6	1.0	1.4	13.5	0.387	850	500	220	500/D
	70	12	1.1	1.4	15.0	0.268	800	750	280	500/D
	95	15	1.1	1.5	17.5	0.193	650	1,000	345	500/D
	120	18	1.2	1.5	19.0	0.153	650	1,200	400	500/D
	150	18	1.4	1.6	21	0.124	700	1,500	460	500/D
	185	30	1.6	1.6	23	0.0991	700	1,900	530	500/D
	240	34	1.7	1.7	26	0.0754	650	2,500	630	500/D
	300	34	1.8	1.8	29	0.0601	600	3,100	725	500/D
	400	53	2.0	1.9	32	0.0470	600	3,900	840	500/D
	500	53	2.2	2.0	36	0.0366	600	5,000	975	500/D
630	53	2.4	2.2	40	0.0283	550	6,500	1,125	500/D	
800	53	2.6	2.3	45	0.0221	550	8,500	1,320	300/D	
1,000	53	2.8	2.4	51	0.0176	500	10,500	1,510	300/D	
2	1.5	7/0.53	0.7	1.8	11.0	12.1	2,500	25	130	500/D
	2.5	7/0.67	0.7	1.8	12.0	7.41	2,100	34	160	500/D
	4	7/0.85	0.7	1.8	13.0	4.61	1,700	44	200	500/D
	6	7/1.04	0.7	1.8	14.0	3.08	1,450	57	260	500/D
	10	6	0.7	1.8	15.0	1.83	1,250	77	340	500/D
	16	6	0.7	1.8	17.0	1.15	1,000	100	480	500/D
	25	6	0.9	1.8	20	0.727	1,050	135	700	500/D
	35	6	0.9	1.8	23	0.524	900	165	900	500/D
	50	6	1.0	1.8	25	0.387	850	205	1,200	500/D
	70	12	1.1	1.8	29	0.268	800	255	1,700	500/D
	95	15	1.1	2.0	33	0.193	650	315	2,300	500/D
	120	18	1.2	2.1	37	0.153	650	365	2,800	500/D
	150	18	1.4	2.2	41	0.124	700	415	3,500	500/D
	185	30	1.6	2.3	45	0.0991	700	485	4,300	500/D
	240	34	1.7	2.5	51	0.0754	650	580	5,500	500/D
	300	34	1.8	2.7	56	0.0601	600	675	7,000	300/D
	400	53	2.0	2.9	63	0.0470	600	790	9,000	300/D

D : PACKING IN DRUM

# 0.6/1KV-CV

IEC 60502-1 Standard

Number of cores	Nominal cross sectional area (mm <sup>2</sup> )	Number of stranded (Min)	Insulation thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Minimum insulation resistance at 20 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
3	1.5	7/0.53	0.7	1.8	11.5	12.1	2,500	150	21	500/D
	2.5	7/0.67	0.7	1.8	12.5	7.41	2,100	190	28	500/D
	4	7/0.85	0.7	1.8	13.5	4.61	1,700	240	37	500/D
	6	7/1.04	0.7	1.8	15.0	3.08	1,450	320	48	500/D
	10	6	0.7	1.8	16.0	1.83	1,250	440	64	500/D
	16	6	0.7	1.8	18.0	1.15	1,000	650	86	500/D
	25	6	0.9	1.8	22	0.727	1,050	950	115	500/D
	35	6	0.9	1.8	24	0.524	900	1,300	140	500/D
	50	6	1.0	1.8	27	0.387	850	1,600	170	500/D
	70	12	1.1	1.9	31	0.268	800	2,300	215	500/D
	95	15	1.1	2.0	36	0.193	650	3,100	260	500/D
	120	18	1.2	2.1	39	0.153	650	4,000	305	500/D
	150	18	1.4	2.3	44	0.124	700	4,900	350	500/D
	185	30	1.6	2.4	49	0.0991	700	6,000	405	500/D
	240	34	1.7	2.6	55	0.0754	650	8,000	490	300/D
	300	34	1.8	2.8	61	0.0601	600	10,000	565	300/D
	400	53	2.0	3.1	68	0.0470	600	12,500	655	200/D
4	1.5	7/0.53	0.7	1.8	12.0	12.1	2,500	180	21	500/D
	2.5	7/0.67	0.7	1.8	13.5	7.41	2,100	230	28	500/D
	4	7/0.85	0.7	1.8	14.5	4.61	1,700	300	37	500/D
	6	7/1.04	0.7	1.8	16.0	3.08	1,450	400	48	500/D
	10	6	0.7	1.8	17.5	1.83	1,250	550	64	500/D
	16	6	0.7	1.8	20	1.15	1,000	800	86	500/D
	25	6	0.9	1.8	24	0.727	1,050	1,200	115	500/D
	35	6	0.9	1.8	27	0.524	900	1,600	140	500/D
	50	6	1.0	1.9	30	0.387	850	2,200	170	500/D
	70	12	1.1	2.0	35	0.268	800	3,000	215	500/D
	95	15	1.1	2.1	39	0.193	650	4,100	260	500/D
	120	18	1.2	2.3	44	0.153	650	5,000	305	500/D
	150	18	1.4	2.4	49	0.124	700	6,500	350	500/D
	185	30	1.6	2.6	54	0.0991	700	8,000	405	300/D
	240	34	1.7	2.8	61	0.0754	650	10,500	490	300/D
	300	34	1.8	3.0	68	0.0601	600	13,000	565	200/D
	400	53	2.0	3.3	76	0.0470	600	16,500	655	200/D

D : PACKING IN DRUM



