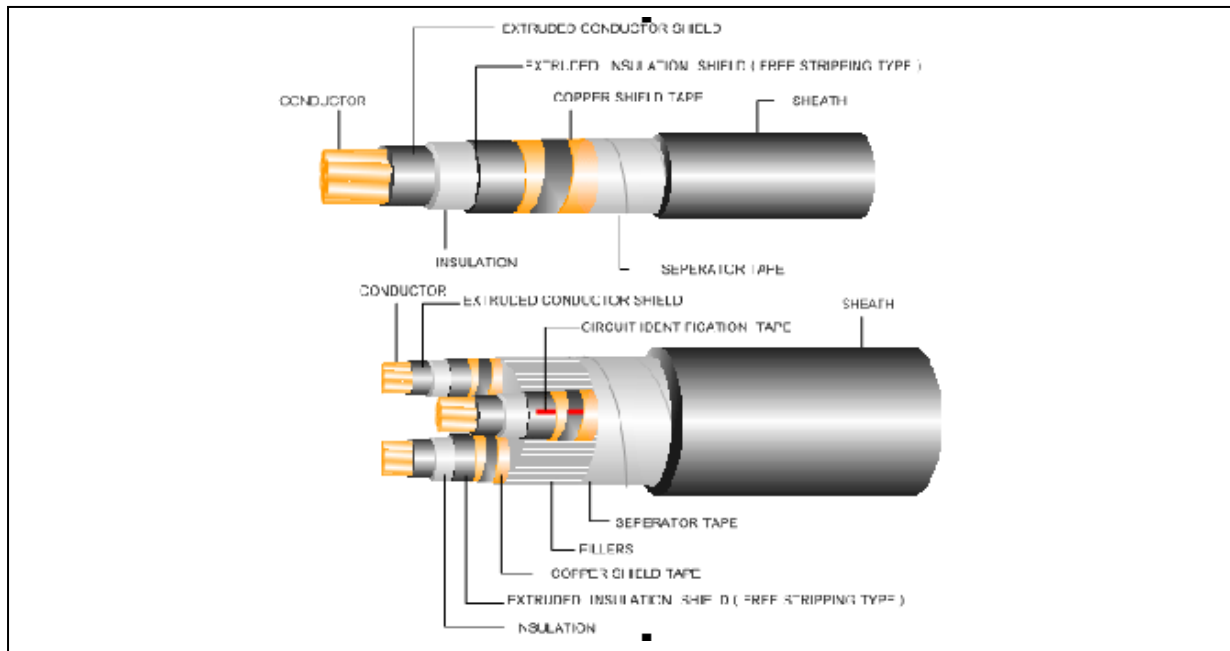

3.6 /6(7.2) KV-CV

3.6/6 kV 90° C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE



CABLE STRUCTURE

NUMBER OF CORE	: Single and 3 cores
CONDUCTOR	: Compact round stranded annealed copper, Sizes. 10 mm ² up to 1,000 mm ²
INSULATION	: Cross-linked polyethylene Color: Natural (Translucent) Core identification: Color tape White, Red and Blue
SHEATH	: PVC Color: Black
SHIELD	: Copper tape, thickness 0.1 mm
CLASSIFICATION	: Maximum conductor temperature 90° C Circuit voltage not exceeding 7,200 volts
TESTING VOLTAGE	: 12,500 volts
REFERENCE	: IEC 60502-2



3.6/6(7.2) KV-CV

IEC 60502-2

Number of core	Nominal cross section area (mm ²)	Number of stranded min	Mean value of insulation thickness (mm)	Mean value of sheath thickness (mm)	Appox. 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	** 10	6	2.5	1.4	14.0	1.83	2,850	93	260	500/D
	**16	6	2.5	1.5	15.5	1.15	2,500	120	350	500/D
	25	6	2.5	1.5	17.5	0.727	2,150	160	480	500/D
	35	6	2.5	1.5	18.5	0.524	1,900	195	600	500/D
	50	6	2.5	1.6	20	0.387	1,700	230	750	500/D
	70	12	2.5	1.6	21	0.268	1,500	290	950	500/D
	95	15	2.5	1.7	24	0.193	1,300	355	1,200	500/D
	120	18	2.5	1.7	25	0.153	1,200	410	1,500	500/D
	150	18	2.5	1.8	27	0.124	1,100	465	1,800	500/D
	185	30	2.5	1.8	28	0.0991	1,000	535	2,200	500/D
	240	34	2.6	1.9	31	0.0754	900	635	2,800	500/D
	300	34	2.8	2.0	34	0.0601	900	725	3,400	500/D
	400	53	3.0	2.1	37	0.0470	850	840	4,300	500/D
	500	53	3.2	2.2	42	0.0366	800	970	5,500	500/D
	630	53	3.2	2.4	46	0.0283	700	1140	7,000	500/D
800	53	3.2	2.5	50	0.0221	600	1330	8,500	300/D	
1000	53	3.2	2.6	55	0.0176	550	1520	11,000	300/D	
3	**10	6	2.5	2.0	28	1.83	2,850	72	850	500/D
	**16	6	2.5	2.0	30	1.15	2,500	94	1,100	500/D
	25	6	2.5	2.1	35	0.727	2,150	120	1,600	500/D
	35	6	2.5	2.2	38	0.524	1,900	145	1,900	500/D
	50	6	2.5	2.3	40	0.387	1,700	175	2,400	500/D
	70	12	2.5	2.4	44	0.268	1,500	220	3,100	500/D
	95	15	2.5	2.5	48	0.193	1,300	270	4,000	500/D
	120	18	2.5	2.6	52	0.153	1,200	315	4,900	500/D
	150	18	2.5	2.8	55	0.124	1,100	360	6,000	500/D
	185	30	2.5	2.9	59	0.0991	1,000	415	7,000	500/D
	240	34	2.6	3.1	65	0.0754	900	495	9,000	500/D
	300	34	2.8	3.3	71	0.0601	900	570	11,000	300/D
400	53	3.0	3.5	79	0.0470	850	665	13,500	300/D	

* REMARK : SPECIAL PROTECTION CAN BE PRODUCED

D : PACKING IN DRUM .

** REMARK : INSULATION SHIELD SHALL BE APPLIED SEMI-CONDUCTING TAPE.



