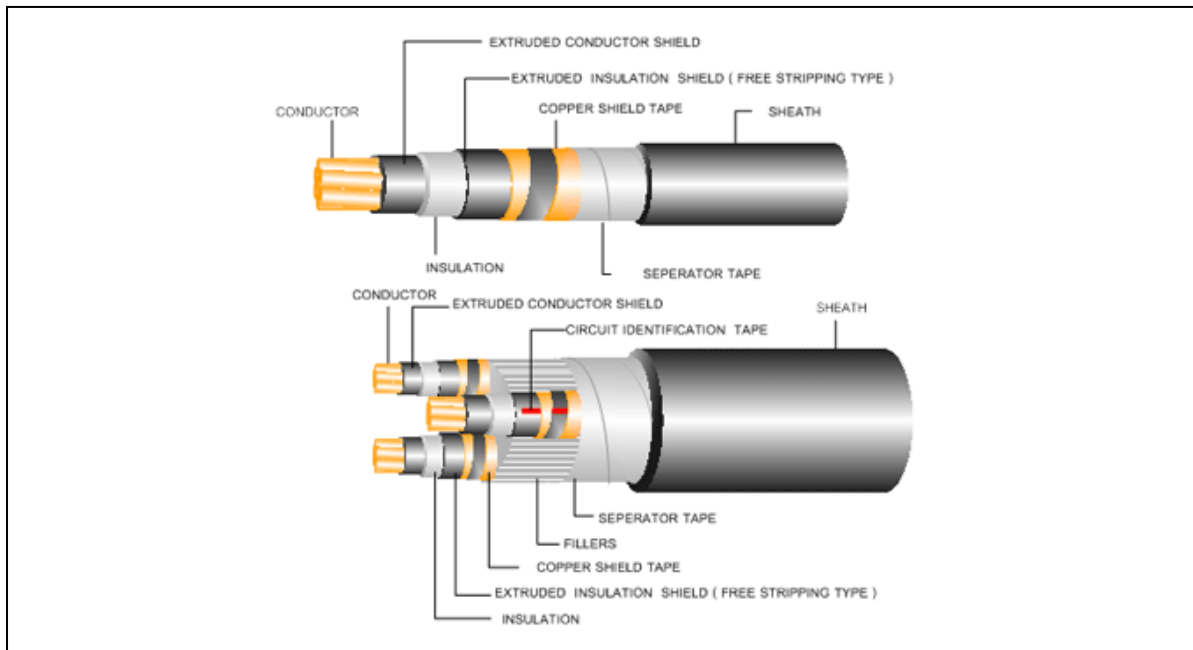

6 /10(12) KV-CV

6/10 kV 90⁰ C CROSS-LINKED POLYETHYLENE INSULATED AND PVC SHEATHED POWER CABLE



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	: Single and 3 cores
	: Compact round stranded annealed copper, Sizes. 16 mm ² up to 1,000 mm ²
INSULATION	: Cross-linked polyethylene Color: Natural (Translucent) Core identification: Color tape White, Red and Blue
SHEATH SHIELD	: PVC Color: Black : Copper tape, thickness 0.1 mm
CLASSIFICATION	: Maximum conductor temperature 90° C Circuit voltage not exceeding 12,000 volts
TESTING VOLTAGE REFERENCE	: 21,000 volts : IEC 60502-2



6/10(12) KV-CV

IEC 60502-2

Number of core		Number of stranded	Mean value of insulation thickness	Mean value of sheath thickness	Appox. overall diameter	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 20 °C	Maximum Continuous current rating in free air	Cable weight (approx.)	Standard length
		min	(mm)	(mm)	(mm)	(Ω /Km)	(M Ω -Km)	(Ampere)	(Kg/Km)	(m)
1	16	6	3.4	1.5	18.5	1.15	3,100	120	440	500/D
	25	6	3.4	1.6	20	0.727	2,700	160	550	500/D
	35	6	3.4	1.6	21	0.524	2,450	195	700	500/D
	50	6	3.4	1.7	22	0.387	2,200	235	850	500/D
	70	12	3.4	1.7	24	0.268	1,900	290	1,100	500/D
	95	15	3.4	1.8	26	0.193	1,700	355	1,300	500/D
	120	18	3.4	1.8	27	0.153	1,550	410	1,600	500/D
	150	18	3.4	1.9	29	0.124	1,450	465	1,900	500/D
	185	30	3.4	1.9	31	0.0991	1,300	535	2,300	500/D
	240	34	3.4	2.0	33	0.0754	1,150	630	2,900	500/D
	300	34	3.4	2.1	36	0.0601	1,050	725	3,500	500/D
	400	53	3.4	2.2	39	0.0470	950	835	4,400	500/D
	500	53	3.4	2.3	42	0.0366	850	975	5,500	500/D
	630	53	3.4	2.4	46	0.0283	750	1140	7,000	500/D
	800	53	3.4	2.5	50	0.0221	650	1330	8,500	500/D
1000	53	3.4	2.6	56	0.0176	600	1520	11,000	300/D	
3	16	6	3.4	2.2	37	1.15	3,100	96	1,500	500/D
	25	6	3.4	2.2	40	0.727	2,700	120	1,900	500/D
	35	6	3.4	2.3	42	0.524	2,450	150	2,200	500/D
	50	6	3.4	2.4	45	0.387	2,200	180	2,700	500/D
	70	12	3.4	2.6	49	0.268	1,900	225	3,500	500/D
	95	15	3.4	2.7	53	0.193	1,700	275	4,400	500/D
	120	18	3.4	2.8	57	0.153	1,550	320	5,500	500/D
	150	18	3.4	2.9	60	0.124	1,450	365	6,000	500/D
	185	30	3.4	3.0	64	0.0991	1,300	420	7,500	500/D
	240	34	3.4	3.2	70	0.0754	1,150	500	9,500	300/D
	300	34	3.4	3.3	75	0.0601	1,050	575	11,500	300/D
400	53	3.4	3.6	81	0.0470	950	665	14,000	300/D	

* REMARK : SPECIAL PROTECTION CAN BE PRODUCED
D : PACKING IN DRUM

