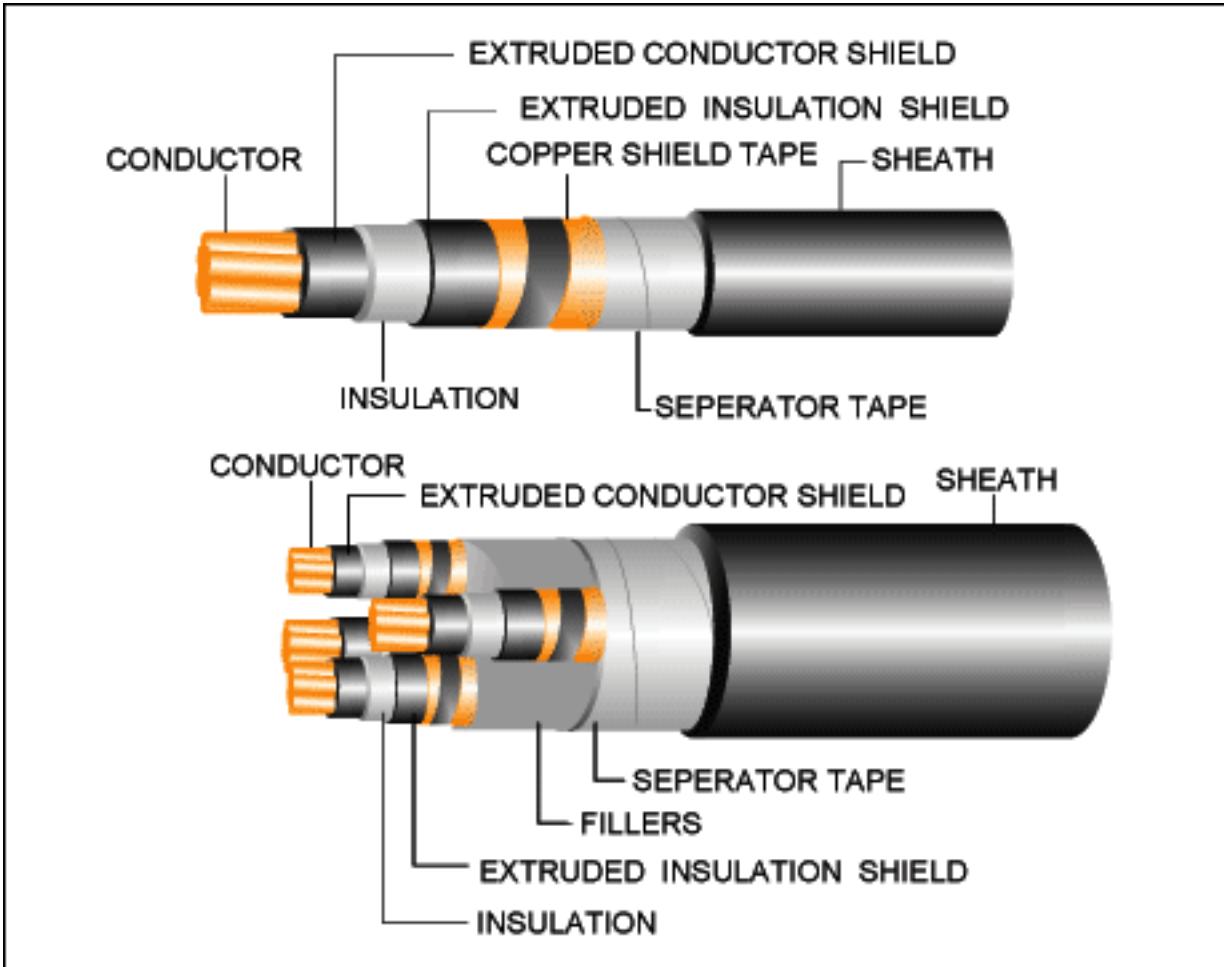

12/20(24) KV-CV

12/20 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. 35 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 24,000 volts
TESTING VOLTAGE	: 48,000 volts
REFERENCE	: IEC 60502-2

12/20(24) KV-CV

IEC 60502-2 Standard

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 (MΩ-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	35	6	5.5	1.8	26	0.524	3,460	195	850	500/D
	50	6	5.5	1.8	27	0.387	3,130	235	1,000	500/D
	70	12	5.5	1.8	28	0.268	2,790	295	1,300	500/D
	95	15	5.5	1.9	30	0.193	2,500	360	1,600	500/D
	120	18	5.5	2.0	32	0.153	2,290	410	1,900	500/D
	150	18	5.5	2.0	34	0.124	2,130	465	2,200	500/D
	185	30	5.5	2.1	35	0.0991	1,970	535	2,600	500/D
	240	34	5.5	2.1	38	0.0754	1,770	630	3,200	500/D
	300	34	5.5	2.2	40	0.0601	1,620	720	3,800	500/D
	400	53	5.5	2.3	43	0.0470	1,480	840	4,700	500/D
	500	53	5.5	2.4	47	0.0366	1,320	980	6,000	500/D
	630	53	5.5	2.5	51	0.0283	1,190	1145	7,500	500/D
	800	53	5.5	2.6	55	0.0221	1,070	1330	9,000	500/D
1000	53	5.5	2.8	60	0.0176	940	1520	11,500	300/D	
3	35	6	5.5	2.7	53	0.524	3,460	155	3,000	500/D
	50	6	5.5	2.8	55	0.387	3,130	185	3,500	500/D
	70	12	5.5	2.9	59	0.268	2,790	230	4,300	500/D
	95	15	5.5	3.0	63	0.193	2,500	285	5,000	500/D
	120	18	5.5	3.1	67	0.153	2,290	325	6,000	500/D
	150	18	5.5	3.2	70	0.124	2,130	370	7,000	300/D
	185	30	5.5	3.3	74	0.0991	1,970	425	8,500	300/D
	240	34	5.5	3.5	80	0.0754	1,770	505	10,500	300/D
	300	34	5.5	3.7	85	0.0601	1,620	580	12,500	300/D
	400	53	5.5	3.9	91	0.0470	1,480	670	15,500	200/D

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