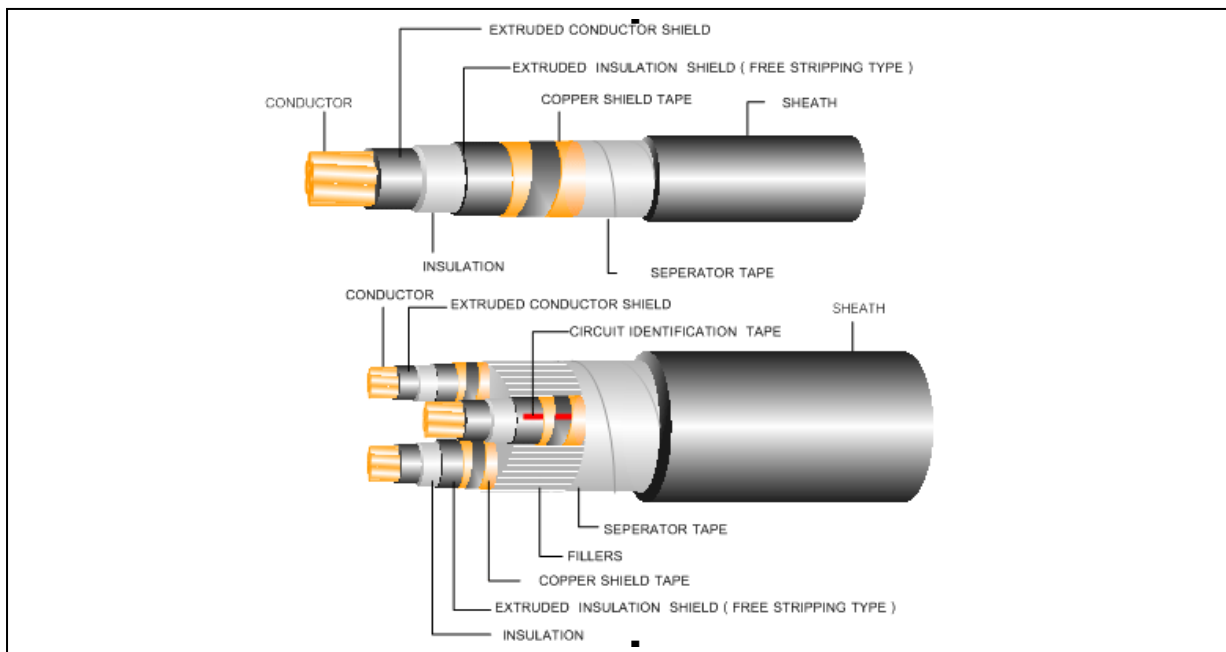


8.7/15(17.5) KV-CV

8.7/15 kV 90⁰ 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. 25 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 17,500 volts
TESTING VOLTAGE	: 30,500 volts
REFERENCE	: IEC 60502-2



8.7/15(17.5) 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)	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	25	6	4.5	1.6	22	0.727	3,300	160	650	500/D
	35	6	4.5	1.7	23	0.524	3,000	195	750	500/D
	50	6	4.5	1.7	25	0.387	2,700	235	900	500/D
	70	12	4.5	1.8	26	0.268	2,400	295	1,200	500/D
	95	15	4.5	1.8	28	0.193	2,100	355	1,400	500/D
	120	18	4.5	1.9	30	0.153	1,950	410	1,700	500/D
	150	18	4.5	1.9	31	0.124	1,800	465	2,000	500/D
	185	30	4.5	2.0	33	0.0991	1,650	535	2,400	500/D
	240	34	4.5	2.1	36	0.0754	1,500	630	3,000	500/D
	300	34	4.5	2.1	38	0.0601	1,350	720	3,700	500/D
	400	53	4.5	2.2	41	0.0470	1,200	835	4,500	500/D
	500	53	4.5	2.3	45	0.0366	1,100	980	5,500	500/D
	630	53	4.5	2.4	48	0.0283	950	1145	7,000	500/D
	800	53	4.5	2.6	53	0.0221	850	1330	8,500	500/D
1000	53	4.5	2.7	58	0.0176	750	1520	11,500	300/D	
3	25	6	4.5	2.4	45	0.727	3,300	125	2,200	500/D
	35	6	4.5	2.5	48	0.524	3,000	150	2,600	500/D
	50	6	4.5	2.6	51	0.387	2,700	185	3,100	500/D
	70	12	4.5	2.7	54	0.268	2,400	230	3,900	500/D
	95	15	4.5	2.8	58	0.193	2,100	280	4,800	500/D
	120	18	4.5	2.9	62	0.153	1,950	325	5,500	500/D
	150	18	4.5	3.1	66	0.124	1,800	370	6,500	500/D
	185	30	4.5	3.2	69	0.0991	1,650	425	8,000	500/D
	240	34	4.5	3.4	75	0.0754	1,500	500	10,000	300/D
	300	34	4.5	3.5	80	0.0601	1,350	575	12,000	300/D
400	53	4.5	3.7	86	0.0470	1,200	665	15,500	300/D	

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



THAI-YAZAKI TECHNICAL DATA

