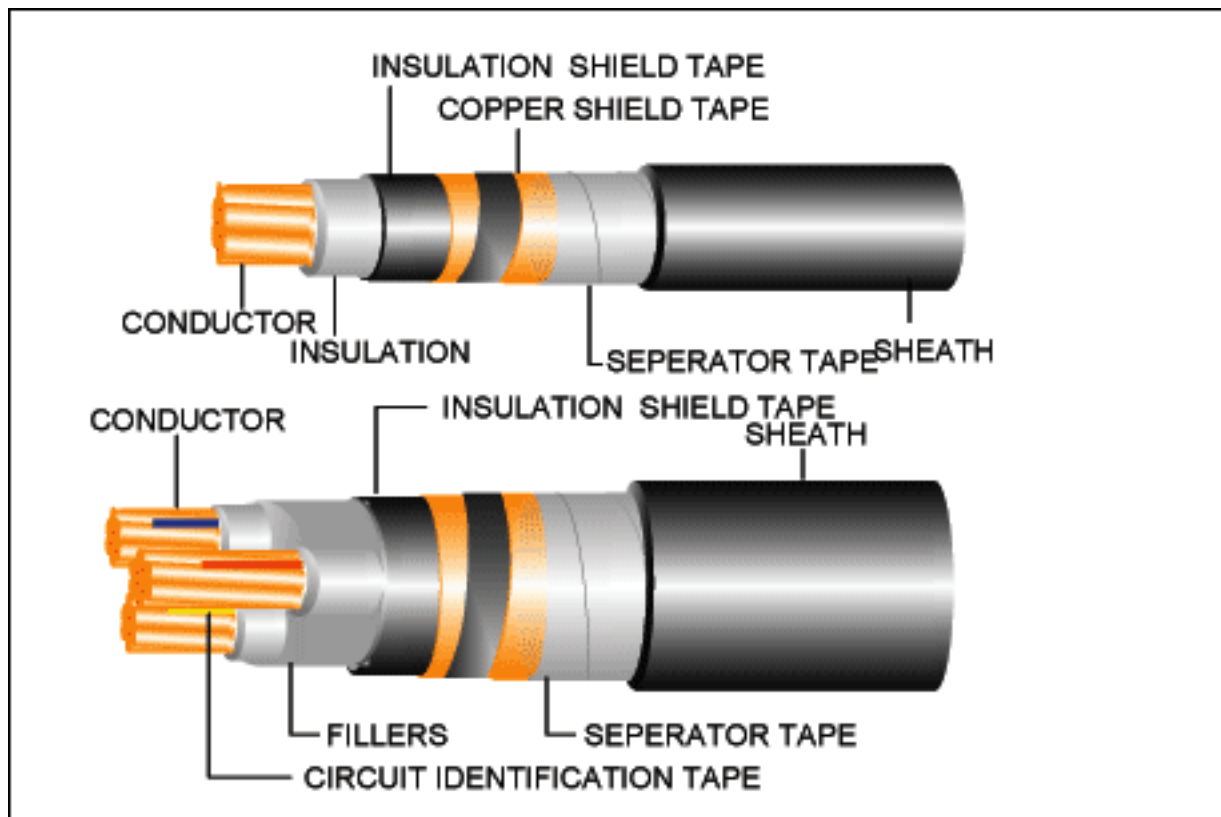

1.8 /3(3.6) KV-CV

1.8/3 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 3,600 volts
TESTING VOLTAGE	: 6,500 volts
REFERENCE	: IEC 60502-1

1.8/3(3.6) KV-CV

IEC 60502-1

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 (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	10	6	2.0	1.4	12.0	1.83	2,900	90	220	500/D
	16	6	2.0	1.4	13.0	1.15	2,450	115	290	500/D
	25	6	2.0	1.4	14.5	0.727	2,050	155	390	500/D
	35	6	2.0	1.4	15.5	0.524	1,800	190	490	500/D
	50	6	2.0	1.4	16.5	0.387	1,550	230	600	500/D
	70	12	2.0	1.5	18.5	0.268	1,350	285	850	500/D
	95	15	2.0	1.5	21	0.193	1,150	350	1,100	500/D
	120	18	2.0	1.6	22	0.153	1,050	410	1,400	500/D
	150	18	2.0	1.6	24	0.124	950	465	1,600	500/D
	185	30	2.0	1.7	26	0.0991	850	535	2,000	500/D
	240	34	2.0	1.8	28	0.0754	750	630	2,600	500/D
	300	34	2.0	1.8	30	0.0601	700	725	3,200	500/D
	400	53	2.0	2.0	33	0.0470	600	840	4,000	500/D
	500	53	2.1	2.1	37	0.0366	600	975	5,000	500/D
	630	53	2.2	2.2	41	0.0283	550	1130	6,500	500/D
	800	53	2.3	2.3	46	0.0221	550	1320	8,000	500/D
	1000	53	2.5	2.5	52	0.0176	500	1515	10,500	500/D
3	10	6	2.0	1.8	23	1.83	2,900	69	650	500/D
	16	6	2.0	1.8	25	1.15	2,450	91	850	500/D
	25	6	2.0	1.8	28	0.727	2,050	115	1,200	500/D
	35	6	2.0	1.9	30	0.524	1,800	145	1,500	500/D
	50	6	2.0	2.0	33	0.387	1,550	170	1,900	500/D
	70	12	2.0	2.1	37	0.268	1,350	215	2,600	500/D
	95	15	2.0	2.2	41	0.193	1,150	265	3,500	500/D
	120	18	2.0	2.3	44	0.153	1,050	305	4,300	500/D
	150	18	2.0	2.4	48	0.124	950	350	5,000	500/D
	185	30	2.0	2.5	52	0.0991	850	410	6,500	500/D
	240	34	2.0	2.7	57	0.0754	750	490	8,000	500/D
	300	34	2.0	2.9	62	0.0601	700	565	10,000	300/D
	400	53	2.0	3.1	69	0.0470	600	655	12,500	300/D

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



THAI-YAZAKI TECHNICAL DATA