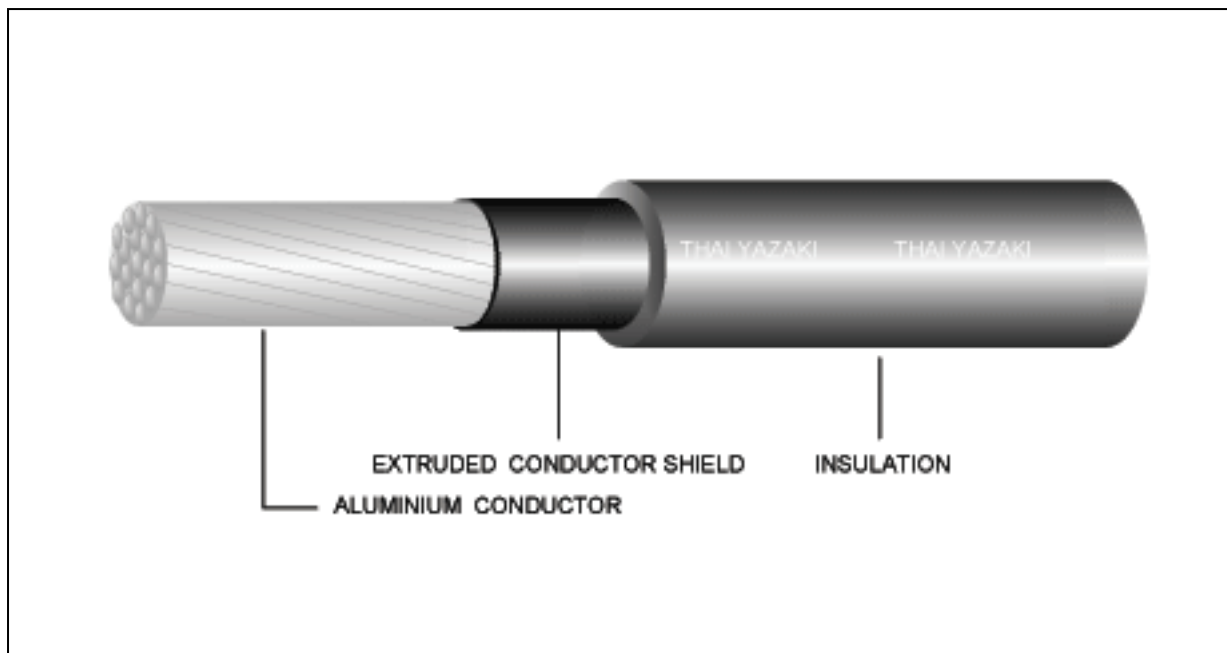

33 KV-OC

CROSS – LINKED POLYETHYLENE PARTIAL INSULATED ALL ALUMINIUM CABLE



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	:	Single Core
	:	Compact round stranded hard drawn aluminium wires, Sizes. 35 mm ² up to 185 mm ²
INSULATION	:	Cross-linked polyethylene (XLPE) Color: Black
CLASSIFICATION	:	Maximum conductor temperature 90°C Circuit voltage not exceeding 33,000 volts
TESTING VOLTAGE	:	17,000 volts
REFERENCE	:	ICEA S-66-524

33 KV-OC

Number Of core	Nominal Cross Sectional area (mm ²)	Number Of stranded	Diameter of Conductor approx. (mm)	Insulation Thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω-Km)	Minimum Insulation resistance at 15.6 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Breaking Strength (N)	Cable weight (approx.) (Kg/Km)	Standard length (m)
1	35	7	7.1	3.0	14.5	0.868	1,350	145	5,591	220	1,000/D
	50	7	8.5	3.2	16.5	0.641	1,300	175	7,313	280	1,000/D
	70	7	9.9	3.2	18.0	0.443	1,200	220	10,420	350	1,000/D
	95	7	11.6	3.5	20.0	0.320	1,100	270	14,098	460	1,000/D
	120	19	13.1	3.6	22.0	0.253	1,000	315	18,518	550	1,000/D
	150	19	14.4	3.6	23.0	0.206	950	360	22,457	650	1,000/D
	185	34	16.1	3.9	26.0	0.164	900	415	28,974	800	1,000/D

D : PACKING IN DRUM.