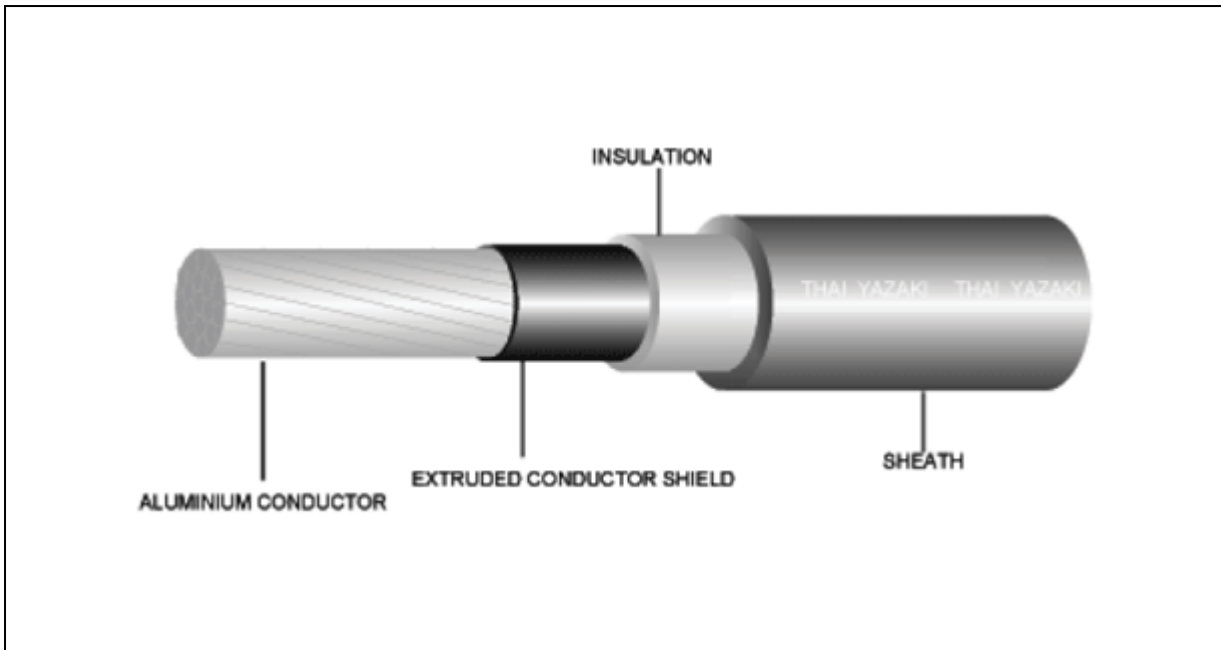

25 KV-CC

ALL ALUMINIUM SPACED AERIAL CABLE



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	: Single Core : Compacted round stranded hard drawn Aluminum Conductors, : Sizes. 35 mm ² up to 240 mm ²
INSULATION	: Cross-linked polyethylene (XLPE) : Color : Natural
SHEATH	: Cross-linked polyethylene (XLPE) : Color : Black
CLASSIFICATION	: Maximum conductor temperature 90°C : Circuit voltage not exceeding 25,000 volts
TESTING VOLTAGE	: 38,000 volts
REFERENCE	: ICEA S-66-524



25 KV-CC

Number Of core	Nominal Cross Sectional area (mm ²)	Number Of stranded (Min)	Diameter of Conductor Approx. (mm)	Insulation thickness (mm)	Sheath 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	6	7.05	3.175	3.175	22	0.868	2,500	150	5,720	400	500/D
	50	6	8.11	3.175	3.175	23	0.641	2,250	180	7,890	460	500/D
	70	12	9.73	3.175	3.175	25	0.443	2,050	225	10,530	550	500/D
	95	15	11.43	3.175	3.175	26	0.320	1,850	275	14,380	650	500/D
	120	15	13.05	3.175	3.175	28	0.253	1,700	315	19,110	750	500/D
	150	15	14.37	3.175	3.175	29	0.206	1,600	360	22,560	850	500/D
	185	30	16.08	3.175	3.175	31	0.164	1,450	415	29,600	1,000	500/D
	240	30	18.57	3.175	3.175	33	0.125	1,300	490	38,220	1,200	500/D

D : Packing in drum.



