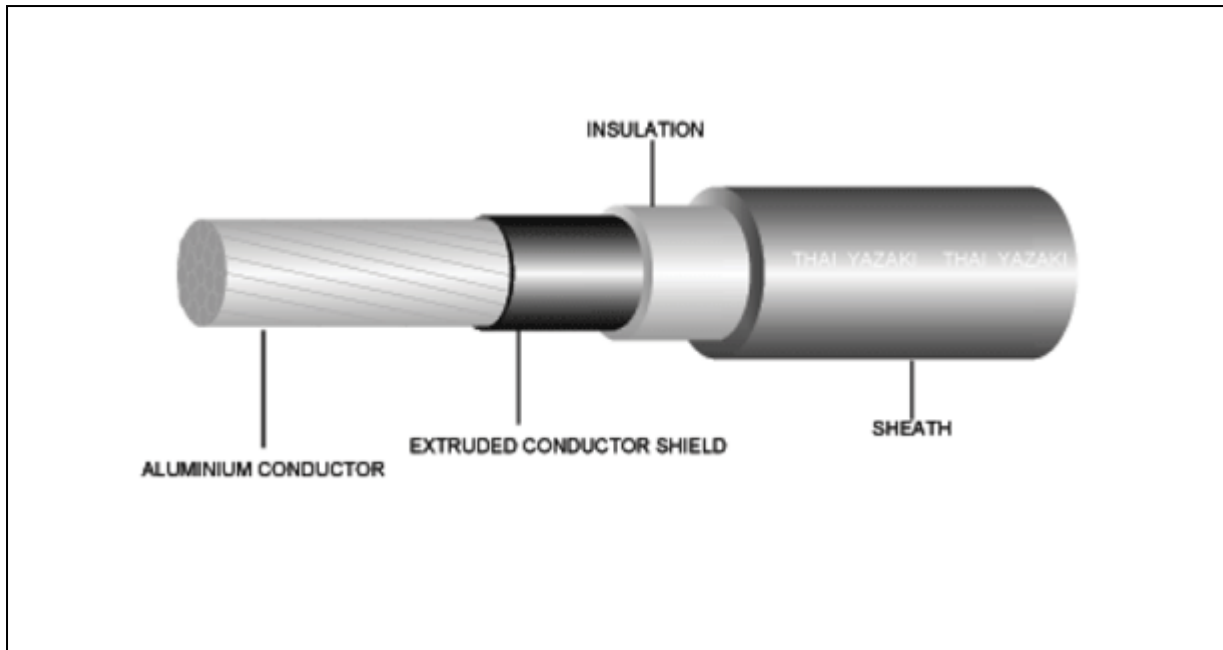


# 15 KV-CC

## ALL ALUMINIUM SPACED AERIAL CABLE



### CABLE STRUCTURE

<b>NUMBER OF CORE CONDUCTOR</b>	: Single Core : Compact round stranded hard drawn Aluminum conductors, : Sizes 35 mm <sup>2</sup> up to 240 mm <sup>2</sup>
<b>INSULATION</b>	: Cross-linked polyethylene (XLPE) : Color : Natural
<b>SHEATH</b>	: Cross-linked polyethylene (XLPE) : Color : Black
<b>CLASSIFICATION</b>	: Maximum conductor temperature 90°C : Circuit voltage not exceeding 15,000 volts
<b>TESTING VOLTAGE</b>	: 27,000 volts
<b>REFERENCE</b>	: ICEA S-66-524



# 15 KV-CC

Number Of core	Nominal Cross Sectional area (mm <sup>2</sup> )	Number Of stranded	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	7	7.1	1.91	1.91	16.5	0.868	1,750	150	5,591	260	500/D
	50	7	8.5	1.91	1.91	18.0	0.641	1,550	180	7,313	320	500/D
	70	7	9.9	1.91	1.91	19.5	0.443	1,400	225	10,420	390	500/D
	95	7	11.6	1.91	1.91	21.0	0.320	1,250	275	14,098	490	500/D
	120	19	13.1	1.91	1.91	23.0	0.253	1,150	315	18,518	600	500/D
	150	19	14.4	1.91	1.91	24.0	0.206	1,050	360	22,457	650	500/D
	185	34	16.1	1.91	1.91	26.0	0.164	980	415	28,974	800	500/D
	240	34	18.6	1.91	1.91	28.0	0.125	850	490	37,506	1,000	500/D

D : PACKING IN DRUM.



