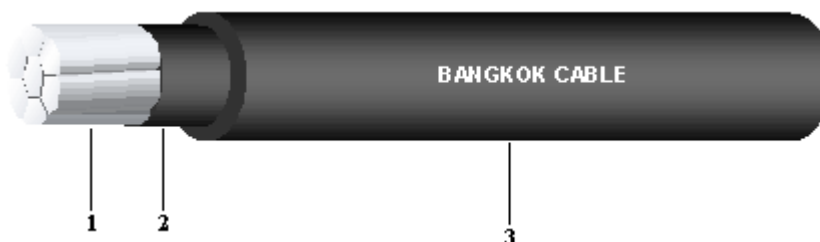


# 25&35 kV 90°C PIC

ICEA S-66-524



## Construction :

1. Conductor : Compact round stranded hard-drawn aluminium wires
2. Conductor shield : Semi-conductive Cross-linked polyethylene (XLPE) compound
3. Insulation : Black Cross-linked polyethylene (XLPE)

## Application :

Aerial power transmission and distribution line.

Conductor		Insulation thickness (+Cond. screen) Min. mm	Overall diameter (Approx.) mm	Maximum Conductor resistance at 20°C ohm/km	Minimum insulation resistance at 15.6°C Mohm-km	Cable weight (Approx.) kg/km	Capacitance (Approx.) µF/km	Current rating in air A	Aluminium rod weight (Approx.) kg/km	Standard Length m
Nominal cross-sectional area (sq.mm)	Number of wire Min.									
PIC 25 KV										
35	6	2.22	12.8	0.868	1038	173	0.354	146	94	1000
50	6	2.35	14.3	0.641	990	225	0.371	178	128	1000
70	12	2.45	16.2	0.443	901	298	0.408	222	185	1000
95	15	2.55	18.2	0.320	832	392	0.442	274	256	1000
120	15	2.60	19.8	0.253	776	479	0.474	319	324	1000
150	15	2.65	21.3	0.206	728	571	0.505	363	398	1000
185	30	2.70	23.3	0.164	676	691	0.544	421	500	1000
240	30	2.80	25.9	0.125	630	880	0.584	503	655	1000
PIC 35 KV										
50	6	3.40	17.0	0.641	1429	276	0.257	180	128	1000
70	12	3.55	19.0	0.443	1309	358	0.281	224	185	1000
95	15	3.70	21.2	0.320	1213	463	0.303	275	256	1000
120	15	3.80	22.9	0.253	1139	559	0.323	319	324	1000
150	15	3.85	24.4	0.206	1069	658	0.344	363	398	1000
185	30	3.90	26.3	0.164	990	785	0.371	420	500	1000
240	30	3.95	28.8	0.125	901	980	0.408	501	655	1000