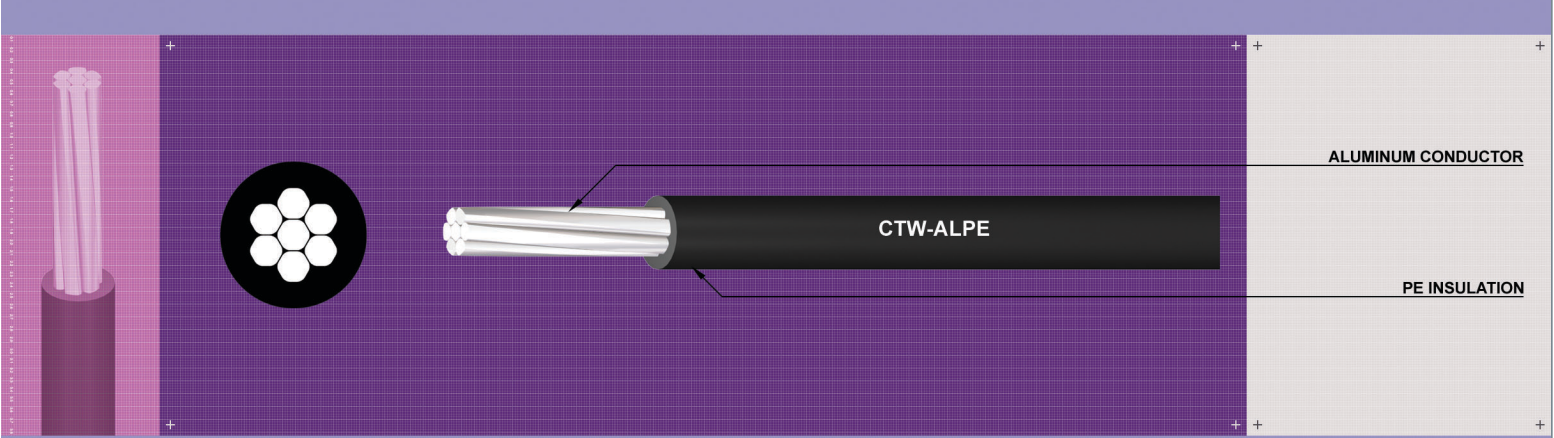




# CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-ALPE**

600 V 75°C PE INSULATED ALUMINUM COMPACTED CONDUCTOR SINGLE CORE



CONSTRUCTION		APPLICATION	CLASSIFICATION	REFERENCE
Conductor	Compact stranded hard draw aluminum wire	For arial cable (Service & main cable)	Maximum conductor temperature 75°C	* ICEA S-66-524
Insulation	Heat resistance polyethylene (Black colour)		Circuit voltage does not exceed 600 volts.	

CTW-ALPE		Minimum number of wire No	Nominal diameter of conductor mm.	Thickness of insulation mm.	Overall diameter of cable mm.	Maximum conductor resistance at 20°C Ω/km.	Minimum Insulation resistance at 15.6°C MΩ-km.	AC Test voltage (5 min.) kV	Allowable ampacities free Air 40°C A	Cable weight (Approx.) kg/km	Standard packing m
PRODUCT CODE	SIZE mm <sup>2</sup>										
A80600016	16	6	4.71	1.14	7.30	1.91	2,689.77	5.5	80	65	500/R
A80600025	25	6	5.93	1.14	8.50	1.20	2,189.31	5.5	100	95	500/R
A80600035	35	6	6.98	1.14	9.60	0.868	1,877.74	5.5	120	123	500/R
A80600050	50	6	8.10	1.40	11.10	0.641	1,922.90	7.0	135	170	500/R
A80600070	70	12	9.70	1.40	12.70	0.443	1,673.85	7.0	185	235	500/R
A80600095	95	15	11.46	1.40	14.50	0.320	1,432.39	7.0	222	315	500/R
A80600120	120	15	12.93	1.65	16.50	0.253	1,502.34	8.0	275	400	500/R
A80600150	150	15	14.34	1.65	17.95	0.206	1,372.94	8.0	305	485	500/R
A80600185	185	30	16.00	1.65	19.60	0.164	1,242.46	8.0	375	595	500/R

C = Packing in coil  
R = Packing in reel