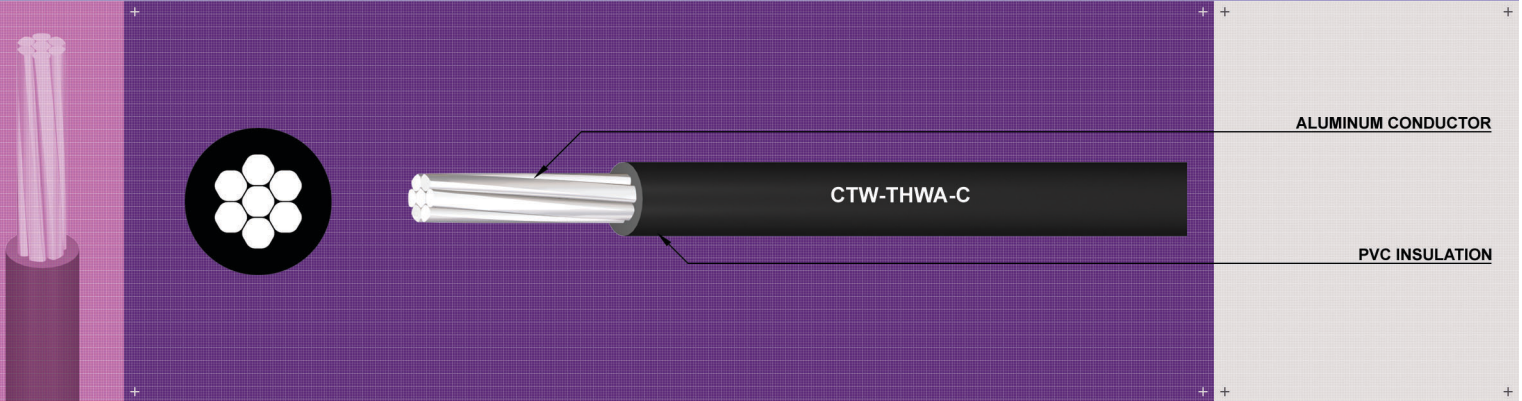





CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-THWA-C**

750 V 70°C PVC INSULATED ALUMINUM COMPACTED CONDUCTOR SINGLE CORE



CONSTRUCTION		APPLICATION	CLASSIFICATION	REFERENCE
Conductor	Compact stranded hard draw aluminum wire	For arial cable (Service & main)	Maximum conductor temperature 70°C	 TIS 293-2541 TABLE 2 *Testing Voltage 2,500 volts
Insulation	Heat resistance polyvinyl chloride (Black colour)		Circuit voltage does not exceed 750 volts.	

CTW-THWA-C		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 70°C MΩ-km.	Allowable ampacities free Air 40°C A	Cable weight (Approx.) kg/km	Standard packing m
PRODUCT CODE	SIZE mm ²									
A70400010	10	6	3.74	1.1	6.10	3.08	0.0075	52	55	500/R
A70400016	16	6	4.71	1.1	7.10	1.91	0.0062	71	75	500/R
A70400025	25	6	5.93	1.3	8.70	1.20	0.0059	95	115	500/R
A70400035	35	6	6.98	1.3	9.75	0.868	0.0051	115	150	500/R
A70400050	50	6	8.10	1.5	11.30	0.641	0.0051	130	200	500/R
A70400070	70	12	9.70	1.5	12.50	0.443	0.0043	180	270	500/R
A70400095	95	15	11.46	1.7	15.00	0.320	0.0042	220	370	500/R
A70400120	120	15	12.93	1.7	16.50	0.253	0.0038	270	450	500/R
A70400150	150	15	14.34	1.9	18.30	0.206	0.0038	300	555	500/R
A70400185	185	30	16.00	2.1	20.40	0.164	0.0038	370	695	500/R
A70400240	240	30	18.40	2.3	23.00	0.125	0.0036	450	900	500/R
A70400300	300	30	20.60	2.5	25.50	0.110	0.0035	520	1,115	500/R
A70400400	400	53	23.45	2.7	29.00	0.0778	0.0033	620	1,415	500/R
A70400500	500	53	26.50	3.1	33.00	0.0605	0.0034	750	1,835	500/R