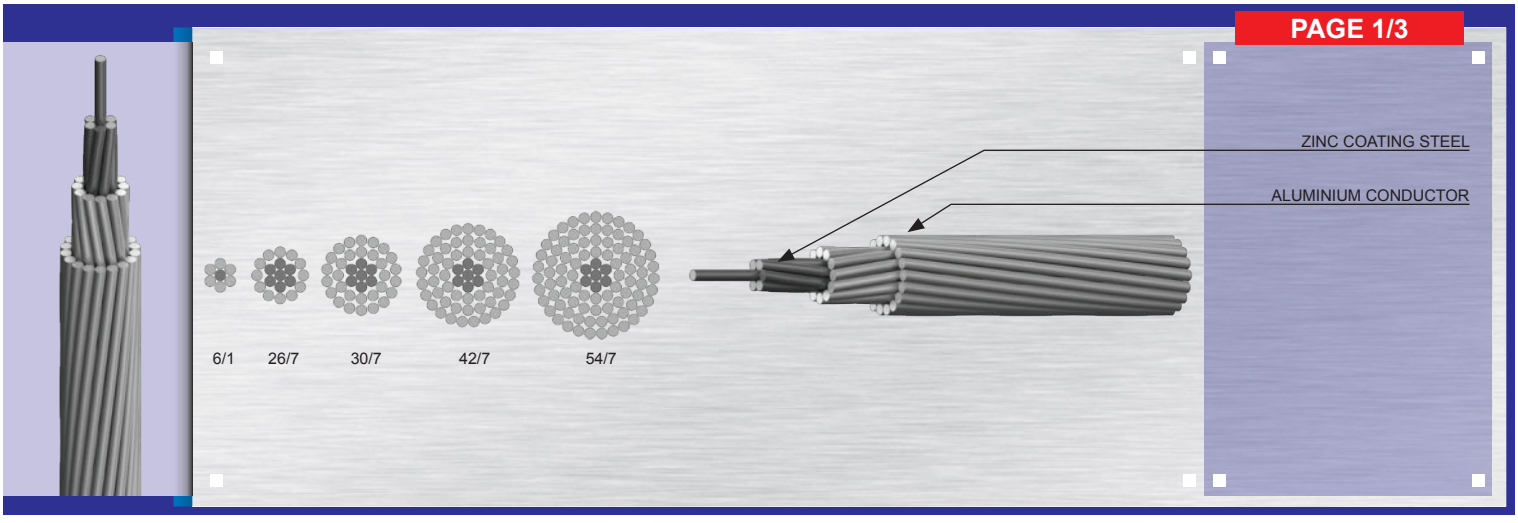
CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-ACSR

ALUMINIUM CONDUCTOR STEEL REINFORCED (TIS 85 - 2548)



CONSTRUCTION

Steel reinforced	Zinc coated galvanized steel wire, Solid or stranded
Conductor	Hard drawn aluminium wire, stranded

APPLICATION

Used as bare overhead transmission cable and primary and secondary distribution.

REFERENCE

TIS 85-2548
IEC 61089

CTW-ACSR		Actual Area Total	Construction				Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Rated Tensile Strength of Cable	Standard Packing
			Aluminium wire		Steel wire						
			Number	Diameter	Number	Diameter					
PRODUCT CODE	Code Name	sq.mm.	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A50201603	16	18.7	6	1.84	1	1.84	5.53	64.6	1.7934	6.08	3,000
AB0201625	16/2.5	17.9	6	1.80	1	1.80	5.40	62.0	1.8800	5.81	3,000
AB0202504	25/4.0	27.8	6	2.25	1	2.25	6.80	97.0	1.2030	8.98	3,000
A50202504	25	29.2	6	2.30	1	2.30	6.91	100.9	1.1478	9.13	3,000
AB0203506	35/6	40.1	6	2.70	1	2.70	8.10	139.0	0.8352	12.37	3,000
A50204007	40	46.7	6	2.91	1	2.91	8.74	161.5	0.7174	14.40	3,000
AB0205008	50/8	56.3	6	3.20	1	3.20	9.60	195.0	0.5946	16.81	3,000
AB0205030	50/30	81.0	12	2.33	7	2.33	11.70	375.0	0.5644	42.95	3,000
A50206311	63	73.5	6	3.66	1	3.66	11.00	254.4	0.4555	21.63	3,000
AB0207012	70/12	81.3	26	1.85	7	1.44	11.70	282.0	0.4131	26.24	3,000
AB0209515	95/15	109.7	26	2.15	7	1.67	13.60	381.0	0.3059	34.93	3,000
AB0209555	95/55	152.8	12	3.20	7	3.20	16.00	708.0	0.2993	78.11	3,000
A50210017	100	117.0	6	4.61	1	4.61	13.80	403.8	0.2869	34.33	3,000
AB0212020	120/20	141.4	26	2.44	7	1.90	15.50	491.0	0.2375	44.50	3,000
AB0212070	120/70	193.3	12	3.60	7	3.60	18.00	896.0	0.2365	98.40	3,000
AB0212530	125/30	157.7	30	2.33	7	2.33	16.10	587.0	0.2259	56.48	3,000
A50212507	125	132.0	18	2.97	1	2.97	14.90	397.9	0.2304	29.17	3,000

R = Packing in reel

CABLE TYPE : CTW-ACSR

ALUMINIUM CONDUCTOR STEEL REINFORCED (TIS 85 - 2548)

CTW-ACSR		Actual Area Total	Construction				Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Rated Tensile Strength of Cable	Standard Packing
			Aluminium wire		Steel wire						
			Number	Diameter	Number	Diameter					
PRODUCT CODE	Code Name	sq.mm.	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A50212521	125	145	26	2.47	7	1.92	15.70	503.9	0.2310	45.69	3,000
AB0212530	125/30	158	30	2.33	7	2.33	16.10	587.0	0.2259	56.48	3,000
AB0215025	150/25	173	26	2.70	7	2.10	17.10	601.0	0.9390	54.06	3,000
A5021609	160	169	18	3.36	1	3.36	16.80	509.3	0.1800	36.18	3,000
A50216027	160	186	26	2.80	7	2.18	17.70	644.9	0.1805	57.69	3,000
AB0217040	170/10	212	30	2.70	7	2.70	18.90	789.0	0.1683	75.27	3,000
AB0218530	185/30	214	26	3.00	7	2.33	19.00	741.0	0.1571	65.27	3,000
A50220011	200	211	18	3.76	1	3.76	18.80	636.7	0.1440	44.22	3,000
A50220033	200	233	26	3.13	7	2.43	19.80	806.2	0.1444	70.13	3,000
AB0221035	210/35	243	26	3.20	7	2.49	20.30	844.0	0.1381	73.44	2,000
AB0221050	210/50	262	30	3.00	7	3.00	21.00	974.0	0.1363	92.08	2,000
AB0223030	230/30	261	24	3.50	7	2.33	21.00	871.0	0.1250	71.72	2,000
AB0224040	240/40	283	26	3.45	7	2.68	21.90	981.0	0.1188	84.73	2,000
A50225025	250	275	22	3.80	7	2.11	21.60	880.6	0.1154	68.72	3,000
A50225041	250	291	26	3.50	7	2.72	22.20	1,007.7	0.1155	87.67	3,000
AB0226535	265/35	298	24	3.74	7	2.49	22.40	995.0	0.1095	81.46	2,000
AB0230050	300/50	354	26	3.86	7	3.00	24.50	1,228.0	0.0949	104.95	2,000
AB0230540	305/40	344	54	2.68	7	2.68	24.10	1,152.0	0.0949	97.50	2,000
A50231522	315	337	45	2.99	7	1.99	23.90	1,039.6	0.0917	79.03	2,800
A50231551	315	366	26	3.93	7	3.05	24.90	1,269.7	0.0917	106.83	2,300
AB0238050	380/50	431.5	54	3.00	7	3.00	27.00	1,443.0	0.0757	121.30	1,000
A50240028	400	428	45	3.36	7	2.24	26.90	1,320.1	0.0722	98.36	2,200
A50240052	400	452	54	3.07	7	3.07	27.60	1,510.3	0.0723	123.04	1,900
AB0243555	435/55	491	54	3.20	7	3.20	28.80	1,642.0	0.0666	134.09	1,000
A50245031	450	481	45	3.57	7	2.38	28.50	1,485.2	0.0642	107.47	2,000
A50245058	450	508	54	3.26	7	3.26	29.30	1,699.1	0.0643	138.42	1,700
AB0249065	490/65	554	54	3.40	7	3.40	30.60	1,853.0	0.0590	150.51	1,000
A50250035	500	535	45	3.76	7	2.51	30.10	1,650.2	0.0578	119.41	1,800
A50250065	500	565	54	3.43	7	3.43	30.90	1,887.9	0.0578	153.80	1,500
AB0255070	550/70	621	54	3.60	7	3.60	32.40	2,078.0	0.0526	167.65	1,000
A50256039	560	599	45	3.98	7	2.65	31.80	1,848.2	0.0516	133.74	1,600

R = Packing in reel

CABLE TYPE : CTW-ACSR

ALUMINIUM CONDUCTOR STEEL REINFORCED (TIS 85 - 2548)

CTW-ACSR		Actual Area Total	Construction				Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Rated Tensile Strength of Cable	Standard Packing
			Aluminium wire		Steel wire						
			Number	Diameter	Number	Diameter					
PRODUCT CODE	Code Name	sq.mm.	No	mm	No	mm.	mm.	kg/km	Ω/km	kN	m/R
A50256071	560	631	54	3.63	19	2.18	32.70	2,103.4	0.0516	172.59	1,400
A50263044	630	674	45	4.22	7	2.81	33.80	2,079.2	0.0459	150.45	1,400
A50263080	630	710	54	3.85	19	2.31	34.70	2,366.3	0.0459	191.77	1,200
AB0268085	680/85	765	54	4.00	19	2.40	36.00	2,552.0	0.0426	206.39	1,100
A50271049	710	759	45	4.48	7	2.99	35.90	2,343.2	0.0407	169.56	1,200
A50271090	710	800	54	4.09	19	2.45	36.80	2,666.8	0.0407	216.12	1,100
A50280035	800	835	72	3.76	7	2.51	37.60	2,480.2	0.0361	167.41	1,200
A50280067	800	867	84	3.48	7	3.48	38.30	2,732.7	0.0362	205.33	1,000
A502800A1	800	901	54	4.34	19	2.61	39.10	3,004.9	0.0362	243.52	1,000
A50290039	900	939	72	3.99	7	2.66	39.90	2,790.2	0.0321	188.33	1,000
A50290075	900	975	84	3.69	7	3.69	40.60	3,074.2	0.0322	226.50	900
A50200044	1000	1043	72	4.21	7	2.80	42.10	3,100.3	0.0289	209.26	900
A502A0148	1120	1167	72	4.45	19	1.78	44.50	3,464.9	0.0258	234.53	800
A502A0191	1120	1211	84	4.12	19	2.47	45.30	3,811.5	0.0258	283.17	700
A502A02A2	1250	1352	84	4.35	19	2.61	47.90	4,253.9	0.0232	316.04	700
A502A0253	1250	1303	72	4.70	19	1.88	47.00	3,867.1	0.0231	261.75	700

R = Packing in reel