


CONSTRUCTION	
Conductor	Hard drawn aluminium wire, stranded

APPLICATION
AAC are used primary for overhead transmission and primary and secondary distribution.

REFERENCE
 TIS 85-2548 IEC 61089

CTW-AAC		SIZE	Conductor		Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Tensile Strength of Cable	Standard Packing
			Number	Diameter					
PRODUCT CODE	Code Name	sq.mm.	No	mm	mm	kg/km	Ω/km	kN	m/R
AB0100010	10	10	7	1.35	4.05	27.4	2.8633	1.95	4,000
AB0100016	16	16	7	1.71	5.12	43.8	1.7896	3.04	4,000
AB0100025	25	25	7	2.13	6.40	68.4	1.1453	4.50	4,000
AB0100035	35	35	7	2.52	7.56	96.0	0.8202	5.94	4,000
AB0100040	40	40	7	2.70	8.09	109.4	0.7158	6.80	4,000
AB0100050	50	50	7	3.02	9.06	137.0	0.5711	8.28	4,000
AB01V0050	50	50	19	1.83	9.15	137.0	0.5758	9.25	4,000
AB0100063	63	63	7	3.39	10.20	172.3	0.4545	10.93	4,000
AB0100070	70	70	19	2.15	10.75	190.0	0.4171	12.42	4,000
AB0100095	95	95	19	2.52	12.60	261.0	0.3036	16.11	4,000
AB0100100	100	100	19	2.59	12.90	274.8	0.2877	17.00	4,000
AB0100120	120	120	19	2.85	14.25	333.0	0.2374	20.61	4,000
AB0100025	125	125	19	2.89	14.50	343.6	0.2302	21.25	4,000
AB0100150	150	150	37	2.25	15.75	406.0	0.1960	26.48	4,000
AB0100060	160	160	19	3.27	16.40	439.8	0.1798	26.40	4,000
AB0100185	185	185	37	2.52	17.64	509.0	0.1563	31.38	4,000
AB0100200	200	200	19	3.66	18.3	549.7	0.1439	32.00	4,000



CTW-AAC		SIZE sq.mm.	Conductor		Nominal Overall Diameter of Conductors mm	Weight kg/km	Maximum Conductor Resistance at 20°C Ω/km	Tensile Strength of Cable kN	Standard Packing m/R
PRODUCT CODE	Code Name		Number No	Diameter mm					
AB0100240	240	240	61	2.25	20.3	670.0	0.1191	43.66	4,000
AB0100250	250	250	19	4.09	20.5	687.1	0.1151	40.00	4,000
AB0100300	300	300	61	2.52	22.7	840.0	0.0949	51.73	3,000
AB0100315	315	315	37	3.29	23.0	867.9	0.0916	51.97	3,000
AB0100400	400	400	37	3.71	26.0	1,102.0	0.0721	64.00	2,000
AB01W0400	400	400	61	2.85	25.7	1,075.0	0.0742	66.16	2,000
AB0100450	450	450	37	3.94	27.5	1,239.8	0.0641	72.00	2,000
AB01W0500	500	500	37	4.15	29.0	1,377.6	0.0577	80.00	2,000
AB0100500	500	500	61	2.52	29.3	1,398.0	0.0571	83.50	2,000
AB0100560	560	560	37	4.39	30.7	1,542.9	0.0515	89.60	1,000
AB0100625	625	625	91	2.96	32.6	1,735.0	0.0462	106.46	1,000
AB0100630	630	630	61	3.63	32.6	1,738.3	0.0458	100.80	1,000
AB0100710	710	710	61	3.85	34.6	1,959.1	0.0407	113.60	1,000
AB01X0800	800	800	61	4.09	36.8	2,207.4	0.0361	128.00	1,000
AB0100800	800	800	91	3.35	36.9	2,222.0	0.0360	132.35	1,000
AB0100900	900	900	61	4.33	39.0	2,483.3	0.0321	144.00	1,000
AB01X1000	1000	1000	61	4.57	41.1	2,759.2	0.0289	160.00	1,000
AB0101000	1000	1000	91	3.74	41.1	2,769.0	0.0289	159.96	1,000
AB0101120	1120	1120	91	3.96	43.5	3,093.5	0.0258	179.20	500
AB0101250	1250	1250	91	4.18	46.0	3,452.6	0.0231	200.00	500
AB0101400	1400	1400	91	4.43	48.7	3,866.9	0.0207	224.00	500
AB0101500	1500	1500	91	4.58	50.4	4,143.1	0.0193	240.00	500

R = Packing in reel