



CONSTRUCTION	
Conductor	Hard drawn aluminium wire, stranded

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

REFERENCE
ASTM B231

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	Cmils or AWG	No	mm	mm	kg/km	Ω/km	kN	m/R
A10102750	Bitterroot	2750000	91	4.42	48.62	3,872	0.0209	205	500
A10102500	Lupine	2500000	91	4.21	46.31	3,519	0.0230	186	500
A10102250	Sagebrush	2250000	91	3.99	43.89	3,166	0.0256	167	500
A10102000	Cowslip	2000000	91	3.77	41.47	2,787	0.0287	153	1,000
A10101750	Jessamine	1750000	61	4.30	38.70	2,442	0.0326	132	1,000
A10101590	Coreopsis	1590000	61	4.10	36.90	2,216	0.0358	120	1,000
A10101510	Galdious	1510500	61	4.00	36.00	2,108	0.0377	114	1,000
A10101431	Carnation	1431000	61	3.89	35.01	1,997	0.0398	108	1,000
A10101351	Columbine	1351000	61	3.78	34.02	1,884	0.0422	104	1,000
A10101272	Narcissus	1272000	61	3.67	33.03	1,774	0.0447	98	1,000
A10101192	Hawthorn	1192500	61	3.55	31.95	1,662	0.0478	94	1,000
A10101113	Marigold	1113000	61	3.43	30.87	1,553	0.0512	87	1,000
A10101033	Bluebell	1033500	37	4.25	38.25	1,441	0.0334	79	2,000
A101X1033	Larkspur	1033500	61	3.31	29.79	1,442	0.0550	81	2,000
A10101000	Hawkweed	1000000	37	4.18	29.26	1,395	0.0568	76	2,000
A101X1000	Cameilla	1000000	61	3.25	29.25	1,394	0.0570	78	2,000
A10100954	Magnolia	954000	37	4.08	28.56	1,331	0.0596	72.60	2,000



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PRODUCT CODE	Code Name	Cmils or AWG	No	mm	mm	kg/km	Ω/km	kN	m/R
A101X0954	Goldenrod	954000	61	3.18	28.62	1,331.0	0.0596	75.00	2,000
A10100900	Cockscomb	900000	37	3.96	27.72	1,256.0	0.0633	68.40	2,000
A101X0900	Snapdragon	900000	61	3.09	27.81	1,256.0	0.0631	70.80	2,000
A10100795	Arbutus	795000	37	3.72	26.04	1,109.0	0.0717	61.80	2,000
A101X0795	Lilac	795000	61	2.90	26.1	1,110.0	0.0716	63.80	2,000
A10100750	Petunia	750000	37	3.62	25.34	1,046.0	0.0758	58.60	2,000
A101X0750	Cattail	750000	61	2.82	25.38	1,046.0	0.0757	60.30	2,000
A10100715	Violet	715500	37	3.53	24.71	998.5	0.0797	56.70	2,000
A101X0715	Nasturtium	715500	61	2.75	24.75	998.5	0.0796	58.40	2,000
A10100700	Verbena	700000	37	3.49	24.43	975.7	0.0815	55.40	2,000
A101X0700	Flag	700000	61	2.72	24.48	975.8	0.0814	57.10	3,000
A10100650	Heuchera	650000	37	3.37	23.59	907.4	0.0874	51.70	3,000
A10100636	Orchid	636000	37	3.33	23.31	886.9	0.0895	50.40	3,000
A10100600	Meadowsweet	600000	37	3.23	22.61	836.3	0.0951	47.50	3,000
A10100556	Dahlia	556500	19	4.35	21.75	775.8	0.1021	43.30	3,000
A101W0556	Misteltoe	556500	37	3.12	21.84	775.7	0.1020	44.30	3,000
A10100500	Zinnia	500000	19	4.12	20.6	697.1	0.1139	38.90	4,000
A101W0500	Hyacinth	500000	37	2.95	20.65	696.8	0.1140	40.50	4,000
A10100477	Cosmos	477000	19	4.02	20.1	664.8	0.1196	37.00	4,000
A101W0477	Syringa	477000	37	2.88	20.16	664.8	0.1197	38.60	4,000
A10100450	Goldentuft	450000	19	3.91	19.55	627.6	0.1264	35.00	4,000
A10100397	Canna	397500	19	3.67	18.35	554.9	0.1435	31.60	4,000
A10100350	Daffodil	350000	19	3.45	17.25	487.9	0.1624	28.40	4,000
A10100336	Tulip	336400	19	3.38	16.9	469.5	0.1692	27.30	4,000
A10100300	Peony	300000	19	3.19	15.95	418.3	0.1899	24.30	4,000
A10100266	Daisy	266800	7	4.96	14.88	372.3	0.2132	21.40	4,000
A101V0266	Laurel	266800	19	3.01	15.05	372.2	0.2133	22.10	4,000
A10100250	Sneezewort	250000	7	4.80	14.4	348.8	0.2276	20.10	4,000
A101V0250	Valerian	250000	19	2.91	14.55	348.6	0.2282	20.70	4,000
A101U0211	Oxlip	4/0	7	4.42	13.26	295.2	0.2685	17.00	4,000
A101U0167	Phlox	3/0	7	3.93	11.79	233.9	0.3396	13.50	4,000

R = Packing in reel

