



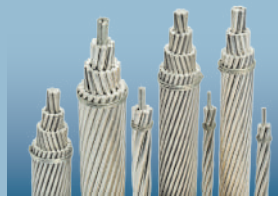
ALL ALUMINUM CONDUCTOR (AAC) - ASTM B231

Code Word	Size	Nominal cross sectional area	Stranding		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C
			No. of Wires	Individual wire diameter				
	AWG / MCM *	mm ²	(No.)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)
Rose	4	21.1	7	1.96	5.88	58.2	3.91	1.3651
Iris	2	33.6	7	2.47	7.41	92.6	5.99	0.8595
Pansy	1	42.4	7	2.78	8.34	116.6	7.30	0.6785
Poppy	1/0	53.5	7	3.12	9.36	147.2	8.84	0.5387
Valerian	250	126.7	19	2.91	14.55	348.6	20.70	0.2282
Laurel	266.8	135.2	19	3.01	15.05	372.2	22.10	0.2132
Peony	300	152	19	3.19	15.95	418.3	24.30	0.1899
Tulip	336.4	170.5	19	3.38	16.90	469.5	27.30	0.1691
Daffodil	350	177.3	19	3.45	17.25	487.9	28.40	0.1623
Syringa	477	241.7	37	2.88	20.16	664.8	38.60	0.1196
Hyacinth	500	253.3	37	2.95	20.65	696.8	40.50	0.1140
Mistletoe	556.5	282	37	3.12	21.84	775.7	44.30	0.1019
Flag	700	354.7	61	2.72	24.48	975.8	57.10	0.0813
Nasturtium	715.5	362.6	61	2.75	24.75	998.5	58.40	0.0796
Violet	715.5	362.6	37	3.53	24.71	998.5	56.70	0.0796
Cattail	750	380	61	2.82	25.38	1046	60.30	0.0757



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			No. of Wires	Individual wire diameter				
	AWG / MCM *	mm ²	(No.)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)
Lilac	795	402.8	61	2.90	26.10	1110	63.80	0.0716
Snapdragon	900	456	61	3.09	27.81	1256	70.80	0.0630
Camellia	1000	506.7	61	3.25	29.25	1394	78.30	0.0570
Larkspur	1033.5	523.7	61	3.31	29.79	1442	81.30	0.0549
Bluebell	1033.5	523.7	37	4.25	29.75	1441	78.80	0.0549
Marigold	1113	564	61	3.43	30.87	1553	87.30	0.0512
Hawthorn	1192.5	604.2	61	3.55	31.95	1662	93.50	0.0478
Narcissus	1272	644.5	61	3.67	33.03	1774	98.10	0.0447
Columbine	1351	694.8	61	3.78	34.02	1884	104.00	0.0421
Carnation	1431	725.1	61	3.89	35.01	1997	108.00	0.0398
Gladiolus	1510.5	765.4	61	4.00	36.00	2108	114.00	0.0376
Coreopsis	1590	805.7	61	4.10	36.90	2216	120.00	0.0358
Jessamine	1750	886.7	61	4.30	38.70	2442	132.00	0.0326
Cowslip	2000	1013	61	3.77	41.47	2787	153.00	0.0287
Sagebrush	2250	1140	91	3.99	43.89	3166	167.00	0.0256
Lupine	2500	1267	91	4.21	46.31	3519	186.00	0.0230
Bitterroot	2750	1393	91	4.42	48.62	3872	205.00	0.0209



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Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Wires	Individual wire diameter					@ 75°C	@ 85°C
(mm ²)	(mm ²)	(No.)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)	(Ampere)	(Ampere)
Hawkweed	507.74	37	4.18	29.26	1395.0	76.2	0.0566	609	775
Magnolia	483.74	37	4.08	28.56	1553.0	76.2	0.0594	593	753
Goldenrod	484.48	61	3.18	28.62	1331.0	78.3	0.0593	594	754
Cockscomb	455.7	37	3.96	27.72	1256.0	72.6	0.0631	574	727
Arbutus	380.81	37	3.62	25.34	1109.0	61.8	0.0755	520	654
Petunia	362.11	37	3.53	24.71	1046.0	58.6	0.0794	505	635
Verbena	353.95	37	3.49	24.43	976.0	55.4	0.0812	499	626
Heuchera	330.03	37	3.37	23.59	907.0	51.7	0.0871	479	601
Orchid	322.24	37	3.33	23.31	887.0	50.4	0.0892	473	592
Meadowsweet	303.18	37	3.23	22.61	836.0	47.5	0.0948	457	571
Dahlia	282.37	19	4.35	21.75	776.0	43.3	0.1018	439	547
Zinnia	253.3	19	4.12	20.6	697.0	38.9	0.1134	413	513
Cosmos	241.16	19	4.02	20.1	665.0	37	0.1192	401	498
Goldentuft	228.14	19	3.91	19.55	628.0	35	0.1260	389	481
Canna	200.99	19	3.67	18.35	555.0	31.6	0.1430	361	446
Daisy	135.25	7	4.96	14.88	372.0	21.4	0.2125	287	350
Sneezewort	126.67	7	4.80	14.4	349.0	20.1	0.2268	276	337
Oxlip	107.41	7	4.42	13.26	295.0	17	0.2675	250	305
Phlox	84.91	7	3.93	11.79	234.0	13.5	0.3384	218	264
Aster	67.35	7	3.50	10.5	186.0	11.1	0.4266	190	229

