



Construction

This bare concentric-lay stranded conductor is constructed with a straight round central aluminum wire surrounded with one or more layers of helically-laid aluminum wires. These conductors are also manufactured as compact conductors if required.

[6201 is also available.](#)

Standard

ASTM B230, B231, IEC, [or other standards required by customers.](#)

Applications

Sino-cables type AAC is suitable for

1. Class AA as bare conductors usually used in overhead lines.
2. Class A as conductors to be covered with weather resistant materials and for conductors where greater flexibility is required.

Package

in coil, steel and wooden reel, steel reel, wooden reel.

code	Size	section	No. of strands	diameter strands	total diameter	weight	rated Strength	maximum Resistance at 20°C
	AWG or MCM	in ²		in	in	lbs/1000ft	ibs	Ω/1000ft
Peachbell	6	0.0206	7	0.0614	0.183	24.6	560	0.661
Rose	4	0.0328	7	0.0772	0.231	39.1	880	0.416
Iris	2	0.0521	7	0.0972	0.292	62.2	1,347	0.261
Pansy	1	0.0657	7	0.109	0.328	78.4	1,631	0.208
Poppy	1/0	0.0829	7	0.123	0.369	98.9	1,978	0.164
Aster	2/0	0.105	7	0.138	0.414	124.8	2,504	0.130
Phiox	3/0	0.132	7	0.155	0.465	157.2	3,031	0.103
Oxlip	4/0	0.166	7	0.174	0.522	198.4	3,832	0.0820
Daisy	266.8	0.210	7	0.195	0.586	250.2	4,830	0.0650
Laurel	266.8	0.210	19	0.119	0.593	250.1	4,969	0.0650
Tulip	366.4	0.264	19	0.133	0.665	315.5	6,144	0.0515
Canna	397.5	0.312	19	0.145	0.724	372.9	7,097	0.0436
Cosmos	477	0.375	19	0.158	0.792	446.8	8,384	0.0363
Syringa	477	0.375	37	0.113	0.794	447.6	8,668	0.0363
Dahlia	556.5	0.437	19	0.171	0.856	521.4	9,769	0.0312
Mistietoe	556.5	0.437	37	0.123	0.858	522.2	9,910	0.0312
Orchid	636	0.500	37	0.131	0.918	596.0	11,362	0.0272
Violet	715.5	0.562	37	0.139	0.974	671.0	12,767	0.0242
Nasturitium	715.5	0.562	61	0.108	0.975	671.0	13,139	0.0242
Arbutus	795	0.624	37	0.146	10.264	745.3	13,896	0.0218
Lilac	795	0.624	61	0.114	10.280	746.0	14,332	0.0218
*Anemone	874.5	0.687	37	0.154	10.776	821.2	15,037	0.0198
*Crocus	874.5	0.687	61	0.120	10.772	821.2	15,750	0.0198
Magnolia	954	0.749	37	0.161	1.124	894.5	16,376	0.0182
Goldenrod	954	0.749	61	0.125	1.126	894.5	16,894	0.0182
Bluebell	1033.5	0.812	37	0.167	1.170	968.4	17,767	0.0168
Larkspus	1033.5	0.874	61	0.130	1.172	969.1	18,305	0.0168
Marigold	1113	0.937	61	0.135	1.216	1043.7	19,656	0.0156
Hawthom	1192.5	0.937	61	0.140	1.258	1116.9	21,054	0.0145
Narcissus	1272	0.999	61	0.144	1.297	1192.2	22,050	0.0136
Columbine	1351.5	1.062	61	0.149	1.339	1266.1	23,393	0.0128
Carnation	1431	1.124	61	0.153	1.379	1342.1	24,522	0.0121
Gladiolus	1501.5	1.186	61	0.157	1.417	1416.7	25,664	0.0115

Coreopsis	1590	1.249	61	0.161	1.421	1489.2	26,962	0.0109
Sneezeworth	250	0.196	7	0.189	0.567	234.4	4,524	0.0693
Valerian	250	0.196	19	0.115	0.574	234.3	4,647	0.0694
Peony	300	0.236	19	0.126	0.628	281.1	5,472	0.0578
Daffodil	350	0.275	19	0.136	0.678	327.9	6,400	0.0496
Goldentuft	450	0.353	19	0.154	0.769	421.8	7,892	0.0385
Zinnia	500	0.393	19	0.162	0.811	468.5	8,763	0.0347
Hyacinth	500	0.393	37	0.116	0.810	468.3	9,096	0.0347
Meadowsweet	600	0.471	37	0.127	0.891	562.0	10,690	0.0289
Verbena	700	0.550	37	0.137	0.963	655.7	12,480	0.0247
Flag	700	0.550	61	0.107	0.964	655.8	12,855	0.247
Petunia	750	0.589	37	0.143	0.997	703.0	13,157	0.0231
Cattail	750	0.589	61	0.111	0.998	703.0	13,552	0.0231
Cockcomb	900	0.707	37	0.156	1.092	844.1	15,425	0.0193
Snapdragon	900	0.707	61	0.122	1.093	844.1	15,952	0.0193
Hawkweed	1000	0.785	37	0.165	1.152	937.5	17,187	0.0173
Camellia	1000	0.785	61	0.128	1.152	936.8	17,648	0.0173
Jessamin	1750	1.375	61	0.169	1.524	1641.1	29,656	0.00991
Cowslip	2000	1.571	91	0.148	1.630	1873.0	34,147	0.00866

*All values are nominal and subject to correction.