

Aluminum Stranded Conductor (ASC) Physical Data

Codeword	Size AWG or kcmil	No. of wires	Total Area (mm ²)	Diameter (mm)		Total Weight (kg/km)	Rated Strength (kN)
				Individual Wire	Complete Conductor		
Peachbell	6	7	13.30	1.56	4.7	36.4	2.61
Rose	4	7	21.15	1.96	5.9	58.0	4.12
Iris	2	7	33.63	2.47	7.4	92.2	6.21
Pansy	1	7	42.41	2.78	8.3	116.2	7.44
Poppy	1/0	7	53.51	3.12	9.4	146.6	9.10
Aster	2/0	7	67.44	3.50	10.5	184.8	11.45
Phlox	3/0	7	85.03	3.93	11.8	233.0	14.01
Oxlip	4/0	7	107.2	4.42	13.2	293.8	17.72
Daisy	266.8	7	135.2	4.96	14.9	370.5	22.32
Laurel	266.8	19	135.2	3.01	15.0	372.3	22.98
Peony	300	19	152.0	3.19	16.0	418.6	25.82
Tulip	336.4	19	170.5	3.38	16.9	469.4	28.98
Daffodil	350	19	177.4	3.45	17.2	488.4	30.19
Canna	397.5	19	201.4	3.67	18.4	554.6	34.17
Cosmos	477	19	241.7	4.02	20.1	665.6	39.79
Zinnia	500	19	253.4	4.12	20.6	697.7	41.79
Dahlia	556.5	19	282.0	4.35	21.7	776.5	46.59
Orchid	636	37	322.3	3.33	23.3	890	54.78
Violet	715.5	37	362.6	3.53	24.7	1001	61.56
Petunia	750	37	380.0	3.62	25.3	1049	64.74
Arbutus	795	37	402.8	3.72	26.1	1112	68.36
Magnolia	954	37	483.4	4.08	28.5	1334	79.82
Bluebell	1033.5	37	523.7	4.25	29.7	1445	86.61
Marigold	1113	61	564.0	3.43	30.9	1559	95.82
Hawthorn	1192.5	61	604.3	3.55	32.0	1670	102.6
Narcissus	1272	61	644.5	3.67	33.0	1782	109.7
Columbine	1351.5	61	684.8	3.78	34.0	1893	113.0
Carnation	1431	61	725.1	3.89	35.0	2004	119.6
Gladiolus	1510.5	61	765.4	4.00	36.0	2116	126.5
Coreopsis	1590	61	805.7	4.10	36.9	2227	132.9
Cowslip	2000	91	1013	3.77	41.4	2804	167.6
Lupine	2500	91	1267	4.21	46.3	3505	209.0