



Conductor Data

*Dimensions, weights, capacities are approximate. Manufacturer's specifications subject to change without notice.

ALUMINUM CONDUCTOR STEEL REINFORCED

Code Word	AWG or Kcmil	Stranding		Conductor Diameter Inches	Weight Per 1000 Feet, Pounds	Ultimate Strength, Pounds*
		Aluminum	Steel			
Turkey	6	6 x .0661	1 x .0661	.198	36.1	1,190
Swan	4	6 x .0834	1 x .0834	.250	57.4	1,860
Swanate	4	7 x .0772	1 x .1029	.257	67.0	2,360
Sparrow	2	6 x .1052	1 x .1052	.316	91.3	2,850
Sparate	2	7 x .0974	1 x .1299	.325	106.7	3,640
Robin	1	6 x .1181	1 x .1181	.354	115.2	3,550
Raven	1/0	6 x .1327	1 x .1327	.398	145.2	4,380
Quail	2/0	6 x .1489	1 x .1489	.447	183.1	5,300
Pigeon	3/0	6 x .1672	1 x .1672	.502	230.8	6,620
Penguin	4/0	6 x .1878	1 x .1878	.563	291.1	8,350
Waxwing	255.8	18 x .1217	1 x .1217	.509	290	6,880
Partridge	266.8	26 x .1013	7 x .0788	.642	367	11,300
Ostrich	300.0	26 x .1074	7 x .0835	.680	413	12,700
Merlin	336.4	18 x .1367	1 x .1367	.684	365	8,680
Linnet	336.4	26 x .1137	7 x .0884	.720	463	14,100
Oriole	336.4	30 x .1059	7 x .1059	.741	527	17,300
Chickadee	397.5	18 x .1486	1 x .1486	.743	432	9,940
Brant	397.5	24 x .1287	7 x .0858	.772	512	14,600
Ibis	397.5	26 x .1236	7 x .0961	.783	547	16,300
Lark	397.5	30 x .1151	7 x .1151	.806	623	20,300
Pelican	477.0	18 x .1628	1 x .1628	.814	518	11,800
Flicker	477.0	24 x .1410	7 x .0940	.846	615	17,200
Hawk	477.0	26 x .1354	7 x .1053	.858	657	19,500
Hen	477.0	30 x .1261	7 x .1261	.883	747	23,800
Heron	500.0	30 x .1291	7 x .1291	.904	783	24,950
Osprey	556.5	18 x .1758	1 x .1758	.879	604	13,700
Parakeet	556.5	24 x .1523	7 x .1015	.914	717	19,800
Dove	556.5	26 x .1463	7 x .1138	.927	766	22,600
Eagle	556.5	30 x .1362	7 x .1362	.953	872	27,800
Peacock	605.0	24 x .1588	7 x .1059	.953	780	21,600
Squab	605.0	26 x .1525	7 x .1186	.966	833	24,300
Wood Duck	605.0	30 x .1420	7 x .1420	.994	948	28,900
Teal	605.0	30 x .1420	19 x .0852	.994	940	30,000

*Based on Standard Weight Coding.

ALL-ALUMINUM CONDUCTOR 1350 ALLOY

Code Word	AWG or Kcmil	Number & Diameter Strands	Outside Diameter, Inches	Weight Per 1000 Feet, Pounds	Ultimate Strength, Pounds
Rose	4	7 x .0772	.232	39.2	881
Iris	2	7 x .0974	.292	62.3	1,350
Pansy	1	7 x .1093	.328	78.5	1,640
Poppy	1/0	7 x .1223	.358	99.1	1,990
Aster	2/0	7 x .1379	.414	124.9	2,510
Phiox	3/0	7 x .1548	.464	157.5	3,040
Oxilp	4/0	7 x .1739	.522	198.6	3,830
Daisy	266.8	7 x .1953	.586	250.5	4,830
Laurel	266.8	19 x .1185	.593	250.5	4,970
Tulip	336.4	19 x .1331	.666	315.8	6,150
Daffodil	350	19 x .1357	.679	328.6	6,390
Canna	397.5	19 x .1447	.724	373.2	7,110
Cosmos	477	19 x .1594	.792	447.8	8,360
Synnga	477	37 x .1135	.795	447.8	8,690
Zinnia	500	19 x .1622	.811	459.4	8,760
Hyacinth	500	37 x .1162	.813	469.4	9,110
Dahlia	556.5	19 x .1711	.856	522.4	9,750
Mistletoe	556.5	37 x .1226	.858	522.4	9,940
Meadowsweet	600	37 x .1273	.891	563.2	10,700

ALUMOWELD WIRE AND STRAND

Number and Size of Wires AWG	Nominal Diameter, Inches	Breaking Lead, Pounds	Weight, Lbs. Per 1000 Feet
19 No. 7	.721	51,730	899.5
19 No. 8	.642	43,240	713.5
19 No. 9	.572	34,290	505.8
19 No. 10	.509	27,190	448.7
7 No. 6	.486	22,730	416.3
7 No. 7	.433	19,060	330.0
7 No. 8	.385	15,930	261.8
7 No. 9	.343	12,630	207.6
7 No. 10	.306	10,020	164.7
7 No. 11	.272	7,945	130.6
3 No. 6	.349	10,280	178.1
3 No. 7	.311	8,621	141.2
3 No. 8	.277	7,206	112.0
3 No. 9	.247	5,715	88.81

