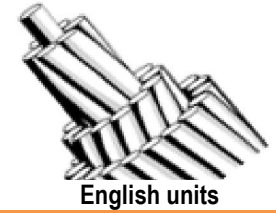




CONDUCTOR DATA SHEET

Aluminum Conductors Steel Supported (ACSS)



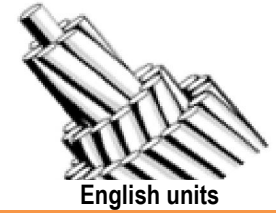
Code Word	Size kcmil	Stranding Al/St	Diameter (in)				Weight Per1000ft(lb)			Rated Strength		Resistance Ω/1000ft	
			Wires		Steel Core	Complete Cable	Al	Steel	Total	Standard Strength lb	High Strength lb	DC @ 20°C	AC @ 75°C
			Al	St									
Partridge/ACSS	266.8	26/7	0.1013	0.0788	0.2363	0.642	251.3	115.5	366.8	8880	9730	0.0629	0.0773
Junco/ACSS	266.8	30/7	0.0943	0.0943	0.2829	0.66	251.9	165.5	417.4	11700	13000	0.0625	0.0768
Ostrich/ACSS	300	26/7	0.1074	0.0835	0.2506	0.68	282.6	129.9	412.4	10000	10900	0.0560	0.0688
Linnet/ACSS	336.4	26/7	0.1137	0.0885	0.2654	0.72	316.8	145.7	462.5	11200	12300	0.0499	0.0614
Oriole/ACSS	336.4	30/7	0.1059	0.1059	0.3177	0.741	317.6	208.7	526.3	14800	16300	0.0496	0.0610
Brant/ACSS	397.5	24/7	0.1287	0.0858	0.2574	0.772	374.4	137	511.4	11000	12100	0.0424	0.0522
Ibis/ACSS	397.5	26/7	0.1236	0.0962	0.2885	0.783	374.4	172.1	546.5	13000	14200	0.0423	0.0520
Lark/ACSS	397.5	30/7	0.1151	0.1151	0.3453	0.806	375.3	246.5	621.9	17500	19300	0.0420	0.0516
Flicker/ACSS	477	24/7	0.141	0.094	0.2819	0.846	449.3	164.4	613.6	13000	14200	0.0354	0.0436
Hawk/ACSS	477	26/7	0.1354	0.1053	0.316	0.858	449.3	206.5	655.8	15600	17100	0.0352	0.0434
Hen/ACSS	477	30/7	0.1261	0.1261	0.3783	0.883	450.4	295.9	746.3	21000	22700	0.0350	0.0431
Parakeet/ACSS	556.5	24/7	0.1523	0.1015	0.3045	0.914	524.1	191.8	715.9	15200	16600	0.0303	0.0374
Dove/ACSS	556.5	26/7	0.1463	0.1138	0.3413	0.927	524.2	240.9	765.1	18200	19900	0.0302	0.0372
Eagle/ACSS	556.5	30/7	0.1362	0.1362	0.4086	0.953	525.4	345.2	870.6	24500	26500	0.0300	0.0369
Peacock/ACSS	605	24/7	0.1588	0.1058	0.3175	0.953	569.8	208.5	778.3	16500	18100	0.0278	0.0344
Squab/ACSS	605	26/7	0.1525	0.1186	0.3559	0.966	569.8	261.9	831.8	19700	21300	0.0277	0.0342
Wood Duck/ACSS	605	30/7	0.142	0.142	0.426	0.994	571.2	375.3	946.5	26000	28300	0.0275	0.0339
Teal/ACSS	605	30/19	0.142	0.0852	0.426	0.994	571.2	367.4	938.6	26600	29300	0.0276	0.0340
Rook/ACSS	636	24/7	0.1628	0.1085	0.3256	0.977	599	219.2	818.2	17300	19000	0.0265	0.0327
Grosbeak/ACSS	636	26/7	0.1564	0.1216	0.3649	0.991	599	275.4	874.4	20700	22400	0.0264	0.0326
Scoter/ACSS	636	30/7	0.1456	0.1456	0.4368	1.019	600.5	394.5	995	27400	29700	0.0262	0.0323
Egret/ACSS	636	30/19	0.1456	0.0874	0.4368	1.019	600.5	386.3	986.8	28000	30900	0.0262	0.0324
Flamingo/ACSS	666.6	24/7	0.1667	0.1111	0.3333	1	627.9	229.7	857.6	18200	19900	0.0253	0.0313

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CONDUCTOR DATA SHEET

Aluminum Conductors Steel Supported (ACSS)



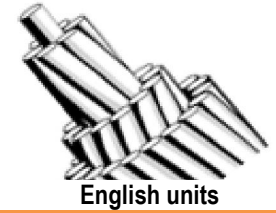
Code Word	Size kcmil	Stranding Al/St	Diameter (in)				Weight Per1000ft(lb)			Rated Strength		Resistance Ω/1000ft	
			Wires		Steel Core	Complete Cable	Al	Steel	Total	Standard Strength lb	High Strength lb	DC @ 20°C	AC @ 75°C
			Al	St									
Gannet/ACSS	666.6	26/7	0.1601	0.1245	0.3736	1.014	627.8	288.6	916.4	21700	23400	0.0252	0.0311
Stilt/ACSS	715.5	24/7	0.1727	0.1151	0.3453	1.036	673.9	246.5	920.5	19500	21300	0.0236	0.0292
Starling/ACSS	715.5	26/7	0.1659	0.129	0.3871	1.051	673.9	309.8	983.7	23300	25200	0.0235	0.0291
Redwing/ACSS	715.5	30/19	0.1544	0.0927	0.4633	1.081	675.6	434.6	1110.1	30800	34000	0.0234	0.0289
Cuckoo/ACSS	795	24/7	0.182	0.1213	0.364	1.092	748.8	274	1022.7	21700	23300	0.0212	0.0263
Drake/ACSS	795	26/7	0.1749	0.136	0.408	1.107	748.8	344.2	1093	25900	28000	0.0212	0.0261
Macaw/ACSS	795	42/7	0.1376	0.0764	0.2293	1.055	748.8	108.7	857.5	11800	12600	0.0214	0.0266
Tem/ACSS	795	45/7	0.1329	0.0886	0.2658	1.063	748.8	146.1	894.9	14200	15200	0.0213	0.0267
Condor/ACSS	795	54/7	0.1213	0.1213	0.364	1.092	748.8	274	1022.7	21700	23300	0.0212	0.0270
Mallard/ACSS	795	30/19	0.1628	0.0977	0.4884	1.139	750.6	482.8	1233.4	34300	37900	0.0210	0.0259
Ruddy/ACSS	900	45/7	0.1414	0.0943	0.2828	1.131	847.7	165.4	1013.1	15800	17000	0.0189	0.0237
Canary/ACSS	900	54/7	0.1291	0.1291	0.3873	1.162	847.7	310.1	1157.8	24600	26400	0.0187	0.0240
Redbird/ACSS	954	24/7	0.1994	0.1329	0.3987	1.196	898.5	328.7	1227.3	26000	28000	0.0177	0.0220
Rail/ACSS	954	45/7	0.1456	0.0971	0.2912	1.165	898.5	175.3	1073.9	16700	18000	0.0178	0.0224
Towhee/ACSS	954	48/7	0.141	0.1097	0.329	1.175	898.5	223.7	1122.3	19700	21300	0.0178	0.0221
Cardinal/ACSS	954	54/7	0.1329	0.1329	0.3987	1.196	898.6	328.7	1227.3	26000	28000	0.0177	0.0227
Canvasback/ACSS	954	30/19	0.1783	0.107	0.535	1.248	900.7	579.4	1480.1	41100	45400	0.0175	0.0217
Snowbird/ACSS	1033.5	42/7	0.1569	0.0871	0.2614	1.203	973.4	141.3	1114.7	15400	16500	0.0165	0.0207
Ortolan/ACSS	1033.5	45/7	0.1515	0.101	0.3031	1.212	973.4	190	1163.4	18100	19500	0.0165	0.0207
Curlew/ACSS	1033.5	54/7	0.1383	0.1383	0.415	1.245	973.4	356.2	1329.6	28200	30300	0.0164	0.0209
Bluejay/ACSS	1113	45/7	0.1573	0.1048	0.3145	1.258	1048.3	204.5	1252.8	19500	21100	0.0152	0.0193
Finch/ACSS	1113	54/19	0.1436	0.0861	0.4307	1.292	1053.4	375.5	1428.9	30400	33200	0.0152	0.0196
Bunting/ACSS	1192.5	45/7	0.1628	0.1085	0.3256	1.302	1123.2	219.2	1342.4	21400	23500	0.0142	0.0181

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CONDUCTOR DATA SHEET

Aluminum Conductors Steel Supported (ACSS)



Code Word	Size kcmil	Stranding Al/St	Diameter (in)				Weight Per1000ft(lb)			Rated Strength		Resistance Ω/1000ft	
			Wires		Steel Core	Complete Cable	Al	Steel	Total	Standard Strength lb	High Strength lb	DC @ 20°C	AC @ 75°C
			Al	St									
Bittern/ACSS	1272	45/7	0.1681	0.1121	0.3362	1.345	1198.1	233.8	1431.9	22300	24000	0.0133	0.0170
Pheasant/ACSS	1272	54/19	0.1535	0.0921	0.4604	1.381	1203.9	429.2	1633	34100	37300	0.0133	0.0172
Dipper/ACSS	1351	45/7	0.1733	0.1155	0.3465	1.386	1272.5	248.3	1520.8	23700	25500	0.0126	0.0161
Martin/ACSS	1351	54/19	0.1582	0.0949	0.4745	1.424	1278.7	455.8	1734.5	36200	39600	0.0125	0.0163
Bobolink/ACSS	1431	45/7	0.1783	0.1189	0.3566	1.427	1347.8	263	1610.8	25100	27000	0.0119	0.0152
Plover/ACSS	1431	54/19	0.1628	0.0977	0.4884	1.465	1354.4	482.8	1837.2	38400	41900	0.0119	0.0153
Nuthatch/ACSS	1510	45/7	0.1832	0.1221	0.3664	1.465	1422.2	277.5	1699.8	26500	28100	0.0113	0.0145
Parrot/ACSS	1510	54/19	0.1672	0.1003	0.5017	1.505	1429.2	509.5	1938.6	40400	44200	0.0112	0.0146
Ratite/ACSS	1590	42/7	0.1946	0.1081	0.3243	1.492	1497.6	217.4	1715	23400	25000	0.0107	0.0138
Lapwing/ACSS	1590	45/7	0.188	0.1253	0.3759	1.504	1497.6	292.2	1789.8	27900	29600	0.0107	0.0138
Falcon/ACSS	1590	54/19	0.1716	0.103	0.5148	1.544	1504.9	536.5	2041.4	42600	46600	0.0107	0.0139
Chukar/ACSS	1780	84/19	0.1456	0.0873	0.4367	1.601	1684.7	386.1	2070.8	35400	38200	0.0096	0.0124
Mockingbird/ACSS	2034.5	72/7	0.1681	0.1121	0.3362	1.681	1925.6	233.7	2159.3	27200	28900	0.0084	0.0112
Roadrunner/ACSS	2057	76/19	0.1645	0.0768	0.3839	1.7	1946.9	298.3	2245.2	31700	33900	0.0083	0.0110
Bluebird/ACSS	2156	84/19	0.1602	0.0961	0.4806	1.762	2040.6	467.6	2508.2	42100	45500	0.0079	0.0105
Kiwi/ACSS	2167	72/7	0.1735	0.1157	0.347	1.735	2051	248.9	2299.9	29000	30800	0.0079	0.0106
Thrasher/ACSS	2312	76/19	0.1744	0.0814	0.407	1.802	2188.2	335.3	2523.5	35600	38100	0.0074	0.0100
Joree/ACSS	2515	76/19	0.1819	0.0849	0.4245	1.88	2380.4	364.7	2745.1	38700	41400	0.0068	0.0093

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