

## PRODUCT CATALOG – ACSR/AW (Aluminum Conductor, Aluminum-Clad Steel Reinforced)

ASTM CONDUCTOR SIZES													
Code Word	Size (AWG or KCM)	Stranding (Al/Stl)	Diameter (inches)			Complete Cable	Weight Per1000 ft (Lbs)			Rated Strength (Lbs)	Resistance Ohms/1000ft		Current Rating (Amps)
			Indiv. Wires Al	Aw	Aw Core		Al	Aw	Total		DC @ 20 °C	AC @ 75 °C	
Swan/AW	4	6/1	.0834	.0834	.0834	.250	39.0	15.6	54.6	1,780	.3917	.4770	145
Swanate/AW	4	7/1	.0772	.1029	.1029	.257	39.0	23.8	62.7	2,280	.3814	A642	148
Sparrow/AW	2	6/1	.1052	.1052	.1052	.316	62.0	24.8	86.9	2,760	.2462	.2997	194
Sparate/AW	2	7/1	.0974	.1299	.1299	.325	62.0	37.9	99.9	3,510	.2396	.2917	198
Robin/AW	1	6/1	.1181	.1181	.1181	.354	78.2	31.3	109.5	3,450	.1950	.2373	225
Raven/AW	1/0	6/1	.1327	.1327	.1327	.398	98.7	39.5	138.2	4,250	.1547	.1884	260
Quail/AW	2/0	6/1	.1489	.1489	.1489	.447	124.3	49.7	174.0	5,130	.1227	.1494	301
Pigeon/AW	3/0	6/1	.1672	.1672	.1672	.502	156.7	62.7	219.4	6,300	.09747	.1188	347
Penguin/AW	4/0	6/1	.1878	.1878	.1878	.563	197.7	79.1	276.8	7,690	.07726	.09422	402
Waxwing/AW	266.8	18/1	.1217	.1217	.1217	.609	250.3	33.2	283.5	6,820	.06364	.07776	451
Patidge/AW	266.8	26/7	.1013	.0788	.2364	.642	251.7	97.9	349.6	10,800	.06169	.07541	465
Ostrich/AW	300.0	26/7	.1074	.0835	.2505	.680	282.9	110.0	392.9	12,100	.05489	.06712	500
Merlin/AW	336.4	18/1	.1367	.1367	.1367	.684	315.8	41.9	357.7	8,540	.05044	.06175	522
Linne/AW	336.4	26/7	.1137	.0884	.2652	.720	317.1	123.2	440.3	13,500	.04897	.05989	537
Oriole/AW	336.4	30/7	.1059	.1059	.3177	.741	318.2	177.0	495.2	16,700	.04795	.05861	547
Chickadee/AW	397.5	18/1	.1486	.1486	.1486	.743	373.1	49.5	422.6	9,780	.04268	.05230	580
Bran/AW	397.5	24/7	.1287	.0858	.2574	.772	375.0	116.1	491.1	14,100	.04185	.05124	592
Ibis/AW	397.5	26/7	.1236	.0961	.2883	.783	374.7	145.6	520.3	15,800	.04144	.05072	597
Lark/AW	397.5	30/7	.1151	.1151	.3453	.806	375.8	209.1	585.0	19,600	.04059	.04965	608
Pelican/AW	477.0	18/1	.1628	.1628	.1628	.814	447.8	59.5	507.3	11,500	.03556	.04344	651
Flicker/AW	477.0	24/7	.1410	.0940	.2820	.846	450.1	139.4	589.5	16,700	.03487	.04273	663
Hawk/AW	477.0	26/7	.1354	.1053	.3159	.858	449.6	174.9	624.5	18,900	.03453	.04231	669
Hen/AW	477.0	30/7	.1261	.1261	.3783	.883	451.1	251.0	702.1	23,400	.03382	.04139	682
Osprey/AW	556.5	18/1	.1758	.1758	.1758	.879	522.2	69.4	591.6	13,200	.03050	.03749	715
Parakee/AW	556.5	24/7	.1523	.1015	.3045	.914	525.1	162.5	687.6	19,300	.02989	.03667	731
Dove/AW	556.5	26/7	.1463	.1138	.3414	.927	525.0	204.2	729.2	21,900	.02958	.03627	737
Eagle/AW	556.5	30/7	.1362	.1362	.4086	.953	526.3	292.8	819.1	26,800	.02899	.03551	751
Peacock/AW	605.0	24/7	.1588	.1059	.3177	.953	570.9	176.9	747.8	21,000	.02749	.03377	770
Squab/AW	605.0	26/7	.1525	.1186	.3558	.966	570.4	221.8	792.2	23,600	.02588	.03341	777
Teal/AW	605.0	30/19	.1420	.0852	.4260	.994	572.0	311.4	883.4	28,500	.02672	.03274	791
Kingbird/AW	636.0	18/1	.1880	.1880	.1880	.940	597.2	79.3	676.5	15,000	.02667	.03286	778
Rook/AW	636.0	24/7	.1628	.1085	.3255	.977	600.0	185.7	785.7	22,000	.02616	.03216	794
Grosbeak/AW	636.0	26/7	.1564	.1216	.3648	.990	599.5	233.2	833.1	24,800	.02588	.03179	801
Egre/AW	636.0	30/19	.1456	.0874	.4370	1.019	601.4	327.6	929.0	29,900	.02541	.03118	815

ASTM CONDUCTOR SIZES													
Code Word	Size (AWG or KCM)	Stranding (Al/Stl)	Diameter (inches)			Complete Cable	Weight Per 1000 ft (Lbs)			Rated Strength (Lbs)	Resistance Ohms/1000ft		Current Rating (Amps)
			Indiv. Al	Wires Al	Aw Core		Al	Aw	Total		DC @ 20 °C	AC @ 75 °C	
Flamingo/AW	666.6	24/7	.1667	.1111	.3333	1.000	629.1	194.7	823.8	23,100	.02495	.03069	818
GanneYAW	666.6	26/7	.1601	.1245	.3735	1.014	628.7	244.5	873.1	26,000	.02471	.03034	825
Starling/AW	715.5	26/7	.1659	.1290	.3870	1.051	675.0	262.4	937.5	27,500	.02300	.02830	863
Redwing/AW	715.5	30/19	.1544	.0926	.4630	1.081	676.3	367.8	1044	33,400	.02260	.02777	878
Cuckoo/AW	795.0	24/7	.1820	.1213	.3639	1.092	749.9	232.0	982.0	27,500	.02093	.02582	913
Drake/AW	795.0	26/7	.1749	.1360	.4080	1.108	750.3	291.7	1042	30,500	.02070	.02549	922
Tern/AW	795.0	45/7	.1329	.0886	.2658	1.063	749.8	123.8	8736	21,500	.02135	.02638	896
Condor/AW	795.0	54/7	.1213	.1213	.3639	1.092	749.5	231.8	981.3	27,800	.02091	.02578	913
Mallard/AW	795.0	30/19	.1628	.0977	.4885	1.140	751.9	409.4	1161	37,100	.02033	.02500	938
Ruddy/AW	900.0	45/7	.1414	.0943	.2829	1.131	848.7	140.2	989.0	24,000	.01886	.02330	970
Canary/AW	900.0	54/7	.1291	.1291	.3873	1.162	849.0	262.6	1112	31,000	.01849	.02286	986
Rail/AW	954.0	45/7	.1456	.0971	.2913	1.165	899.9	148.7	1049	25,400	.01779	.02210	1003
Cardinal/AW	954.0	54/7	.1329	.1329	.3987	1.196	899.7	278.3	1178	32,900	.01744	.02161	1022
Orlolan/AW	1033.5	45/7	.1515	.1010	.3030	1.212	974.3	160.9	1135	27,200	.01641	.02044	1054
Curlew/AW	1033.5	54/7	.1383	.1383	.4149	1.245	974.3	301.3	1276	35,200	.01609	.01997	1074
Bluejay/AW	1113.0	45/7	.1573	.1049	.3147	1.259	1050	173.5	1224	29,300	.01606	.01905	1103
Finch/AW	1113.0	54/19	.1436	.0862	.4310	1.293	1056	318.7	1374	37,500	.01503	.01870	1121
Bunting/AW	1192.5	45/7	.1628	.1085	.3255	1.302	1125	185.7	1311	31,300	.01423	.01784	1150
Grackle/AW	1192.5	54/19	.1486	.0892	.4460	1.338	1130	341.3	1472	40,200	.01403	.01751	1168
Bittern/AW	1272.0	45/7	.1681	.1121	.3363	1.345	1200	198.2	1398	33,400	.01335	.01679	1196
Pheasant/AW	1272.0	54/19	.1535	.0921	.4605	1.382	1206	363.8	1570	42,400	.01315	.01646	1216
Dipper/AW	1351.5	45/7	.1733	.1155	.3465	1.386	1275	210.4	1485	35,500	.01256	.01586	1240
Maqin/AW	1351.5	54/19	.1582	.0949	.4745	1.424	1281	386.3	1667	45,100	.01238	.01554	1261
Bobolink/AW	1431.0	45/17	.1783	.1189	.3567	1.427	1350	223.0	1572	37,600	.01186	.01503	1283
Plover/AW	1431.0	54/19	.1628	.0977	.4885	1.265	1357	409.4	1766	47,700	.01169	.01472	1306
Nuthatch/AW	1510.5	45/7	.1832	.1221	.3663	1.465	1425	235.1	1660	39,700	.01124	.01430	1326
ParroVAW	1510.5	54/19	.1672	.1003	.5015	1.505	1431	431.5	1863	50,300	.01105	.01396	1351
Lapwing/AW	1590.0	45/17	.1880	.1253	.3253	1.504	1500	247.6	1748	41,800	.01069	.01366	1365
Falcon/AW	1590.0	54/19	.1716	.1030	.5150	1.545	1507	455.0	1962	53,000	.01052	.01334	1391
Chukar/AW	1780.0	84/19	.1456	.0874	.4370	1.602	1688	327.6	2016	49,400	.009727	.01229	1464
Bluebird/AW	2156.0	84/19	.1602	.0961	.4805	1.762	2044	396.1	2440	59,000	.007879	.01037	1634
Kiwi/AW	2167.0	72/17	.1735	.1157	.3471	1.735	2055	210.9	2265	49,100	.007936	.01056	1613
Thrasher/AW	2312.0	76/19	.1744	.0814	.4070	1.802	2191	284.2	2475	55,300	.007413	.009927	1680
Joree/AW	2515.0	76/19	.1819	.0849	.4245	1.880	2384	309.2	2693	60,200	.006814	.009263	1759
Grouse/AW	80.0	8/1	.1000	.1670	.1670	.367	75.1	62.6	137.7	4,890	.1942	.1469	227
Petrel/AW	101.8	12/7	.0921	.0921	.2763	.460	96.0	133.9	229.9	9,910	.1425	.1079	281
Minorca/AW	110.8	12/7	.0961	.0961	.2883	.481	104.5	145.8	250.3	10,800	.1326	.09907	297
Leghorn/AW	134.6	12/7	.1059	.1059	.3177	.530	127.0	177.0	304.0	13,000	.1078	.08157	335
Guinea/AW	159.0	12/7	.1151	.1151	.3453	.576	150.0	209.1	359.1	15,300	.09123	.06907	372

### ASTM CONDUCTOR SIZES

Code Word	Diameter (inches)									Rated Strength (Lbs)	Resistance		Current Rating (Amps)
	Size (AWG or KCM)	Stranding (Al/Stl)	Indiv. Wires		Core	Complete Cable	Weight Per1000 ft (Lbs)				DC @ 20 °C	AC @ 75 °C	
			Al	Aw	Aw		Al	Aw	Total				
<b>Dofterel/AW</b>	176.9	12/7	.1214	.1214	.3642	.607	166.8	232.7	399.5	16,900	.08201	.06206	398
<b>Dorkingi/AW</b>	190.8	12/7	.1261	.1261	.3783	.631	180.0	251.0	431.0	18,300	.07601	.05754	418
<b>Brahma/AW</b>	203.2	16/19	.1127	.0977	.4885	.714	191.7	411.0	602.7	27,100	.06570	.04968	464
<b>Cochin/AW</b>	211.3	12/7	.1327	.1327	.3981	.664	199.3	2780	477.3	19800	.06863	.05197	445

### ASTM CONDUCTOR SIZES

Code Word	Size (AWG or KCM)	Stranding (AIAW)	Diameter (inches)			Complete Cable	Weigh per 1000 Feet (lbs)			Rated Strength (Lbs.)	Resistance <sup>1</sup>		Current Rating <sup>2</sup> (Amps)
			Individual Wires	Aw	Core		Al	A w	Total		DC@ 20 °C	AC@ 75 °C	
Dipper/AW	1351.5	45/7	.1733	.1155	.3465	1.386	1275	210.4	1485	35,500	.01256	.01586	1240
Maqin/AW	1351.5	54/19	.1582	.0949	.4745	1.424	1281	386.3	1667	45,100	.01238	.01554	1261
Bobolink/AW	1431.0	45/17	.1783	.1189	.3567	1.427	1350	223.0	1572	37,600	.01186	.01503	1283
Plover/AW	1431.0	54/19	.1628	.0977	.4885	1.265	1357	409.4	1766	47,700	.01169	.01472	1306
Nuthatch/AW	1510.5	45/7	.1832	.1221	.3663	1.465	1425	235.1	1660	39,700	.01124	.01430	1326
ParroVAW	1510.5	54/19	.1672	.1003	.5015	1.505	1431	431.5	1863	50,300	.01105	.01396	1351
Lapwing/AW	1590.0	45/17	.1880	.1253	.1253	1.504	1500	247.6	1748	41,800	.01069	.01366	1365
Falcon/AW	1590.0	54/19	.1716	.1030	.5150	1.545	1507	455.0	1962	53,000	.01052	.01334	1391
Chukar/AW	1780.0	84/19	.1456	.0874	.4370	1.602	1688	327.6	2016	49,400	.009727	.01229	1464
Bluebird/AW	2156.0	84/19	.1602	.0961	.4805	1.762	2044	396.1	2440	59,000	.007879	.01037	1634
Kiwi/AW	2167.0	72/17	.1735	.1157	.3471	1.735	2055	210.9	2265	49,100	.007936	.01056	1613
Thrasher/AW	2312.0	76/19	.1744	.0814	.4070	1.802	2191	284.2	2475	55,300	.007413	.009927	1680
Joree/AW	2515.0	76/19	.1819	.0849	.4245	1.880	2384	309.2	2693	60,200	.006814	.009263	1759
Grouse/AW	80.0	8/1	.1000	.1670	.1670	.367	75.1	62.6	137.7	4,890	.1942	.1469	227
Petrel/AW	101.8	12/7	.0921	.0921	.2763	.460	96.0	133.9	229.9	9,910	.1425	.1079	281
Minorca/AW	110.8	12/7	.0961	.0961	.2883	.481	104.5	145.8	250.3	10,800	.1326	.09907	297
Leghorn/AW	134.6	12/7	.1059	.1059	.3177	.530	127.0	177.0	304.0	13,000	.1078	.08157	335
Guinea/AW	159.0	12/7	.1151	.1151	.3453	.576	150.0	209.1	359.1	15,300	.09123	.06907	372
Dofterel/AW	176.9	12/7	.1214	.1214	.3642	.607	166.8	232.7	399.5	16,900	.08201	.06206	398
DorkingifAW	190.8	12/7	.1261	.1261	.3783	.631	180.0	251.0	431.0	18,300	.07601	.05754	418
Brahma/AW	203.2	16/19	.1127	.0977	.4885	.714	191.7	411.0	602.7	27,100	.06570	.04968	464
Cochin/AW	211.3	12/7	.1327	.1327	.3981	.664	199.3	278.0	477.3	19800	.06863	.05197	445

1. Resistances courtesy of Copperweld Corp.; based on 61.2% IACS metal conductivity.
2. Current ratings are based on 75 °C conductor temperature, 25 °C ambient, 96 watts/sq foot sun, 0.5 coefficients of emissivity and absorption.

ASTM CONDUCTOR SIZES - METRIC UNITS														
Code Word	Nominal Size			Diameter (mm)						Resistance Ohms/km		Current Rating (Amps)		
	(AWG or KCM)	(mm <sup>2</sup> )	Stranding (Al/AW)	Individual		Complete Cable	AL	Weight <sup>2</sup> (kg/km)		Rated Strength <sup>2</sup> kg	DC@ 20 °C		AC@ 75°C	
				Wires A W	AW Core			A W	Total					
Swan/AW	4	21.15	6/1	2.118	2.118	2.12	6.36	58.0	23.2	81.2	807	1.285	1.565	145
Swanate/AW	4	21.15	7/1	1.961	2.614	2.61	6.54	58.0	35.4	933	1034	1.251	1.523	148
Sparrow/AW	2	33.63	6/1	2.672	2.672	2.67	8.02	92.3	37.0	129.3	1252	0.8078	0.9831	194
Sparate/AW	2	33.63	7/1	2.474	3.299	3.30	8.25	92.3	56.3	148.6	1592	0.7861	0.9570	198
Robin/AW	1	42.41	6/1	3.000	3.000	3.00	9.00	116.3	46.6	162.9	1565	0.6398	0.7786	225
Raven/AW	1/0	53.51	6/1	3.371	3.371	3.37	10.11	146.9	58.8	205.7	1928	0.5076	0.6180	260
Quail/AW	2/0	67.44	6/1	3.782	3.782	3.78	11.35	184.9	74.0	258.9	2327	0.4012	0.4902	301
Pigeon/AW	3/0	85.03	6/1	4.247	4.247	4.25	12.74	233.1	93.4	326.5	2858	0.3198	0.3897	347
Penguin/AW	4/0	107.2	6/1	4.770	4.770	4.77	14.31	294.1	117.8	411.9	3488	0.2535	0.3091	402
Waxwing/AW	266.8	135.1	18/1	3.091	3.091	3.09	15.46	372.4	49.4	421.8	3093	0.2088	0.2551	451
Partridge/AW	266.8	135.1	26/7	2.573	2.002	6.00	16.30	374.5	145.7	520.2	4899	0.2024	0.2474	465
Ostrich/AW	300.0	152.0	26/7	2.728	2.121	6.36	17.27	421.0	163.6	584.6	5488	0.1801	0.2202	500
Merlin/AW	336.4	170.4	18/1	3.472	3.472	3.47	17.36	469.8	62.4	532.2	3874	0.1655	0.2026	522
Linne/AW	336.4	170.4	26/7	2.888	2.245	6.74	18.29	471.8	183.4	655.2	6123	0.1607	0.1965	537
Oriole/AW	336.4	170.4	30/7	2.690	2.690	8.07	18.83	473.4	263.4	736.8	7575	0.1573	0.1923	547
Chickadee/AW	397.5	201.4	18/1	3.774	3.774	3.77	18.87	555.2	73.7	628.9	4436	0.1400	0.1716	580
Bran/AW	397.5	201.4	24/7	3.269	2.179	6.54	19.61	558.0	172.8	730.8	6396	0.1373	0.1681	592
Ibis/AW	397.5	201.4	26/7	3.139	2.441	7.32	19.88	557.5	216.7	774.3	7167	0.1360	0.1664	597
Lark/AW	397.5	201.4	30/17	2.924	2.924	8.77	20.46	559.2	311.2	870.4	8890	0.1331	0.1629	608
Pelican/AW	477.0	241.7	18/1	4.135	4.135	4.14	20.68	666.4	88.5	754.9	5216	0.1167	0.1425	651
Flicker/AW	477.0	241.7	24/7	3.581	2.388	7.16	21.49	669.8	207.4	877.1	7575	0.1144	0.1402	663
Hawk/AW	477.0	241.7	26/7	3.439	2.675	8.02	21.78	669.1	260.2	929.3	8573	0.1133	0.1388	669
Hen/AW	477.0	241.7	30/17	3.203	3.203	9.61	22.42	671.2	373.5	1045.	10614	0.1110	0.1358	682
Osprey/AW	556.5	281.9	18/1	4.465	4.465	4.47	22.33	777.1	103.2	880.3	5987	0.1001	0.1230	715
Parakee/AW	556.5	281.9	24/17	3.868	2.578	7.73	23.21	781.4	241.8	1023.	8754	<b>0.09807</b>	<b>0.1203</b>	<b>731</b>

### ASTM CONDUCTOR SIZES - METRIC UNITS

Code Word	Nominal Size		Diameter (mm)								Resistance <sup>3</sup>		Current Rating <sup>4</sup> (Amps)	
	(AWG or KCM)	(mm <sup>2</sup> )	Stranding (Al/AW)	Individual Wires AL	Individual Wires AW	AW Core	Complete Cable	AL	Weight <sup>1</sup> (kg/km) AW	Weight <sup>1</sup> (kg/km) Total	Rated Strength <sup>2</sup> kg	DC@ 20 °C		AC@ 75 °C
Dove/AW	556.5	281.9	26/7	3.716	2.891	8,67	23.54	781.1	303.9	1085	9934	.09703	.1190	737
Eagle/AW	556.5	281.9	30/7	3.459	3.459	10.38	24.22	783.1	435.8	1219	12156	.09512	.1165	751
Peacock/AW	605.0	306.5	24/7	4.034	2.690	8.07	24.20	849.5	263.2	1113	9525	.09019	.1108	770
Squab/AW	605.0	306.5	26/7	3.874	3.012	9.04	24.53	488.7	330.1	1179	10705	.09097	.1096	777
Teal/AW	605.0	306.5	30/19	3.607	2.164	10.82	25.25	851.2	463.3	1314	12927	.08767	.1074	791
Kingbird/AW	636.0	322.2	18/1	4.775	4.775	4.78	23.88	888.6	118.0	1007	6804	.08750	.1078	778
Rook/AW	636.0	322.2	24/7	4.135	2.756	8.27	24.81	892.9	276.3	1169	9979	.08583	.1055	794
Grosbeak/AW	636.0	322.2	26/7	3.973	3.089	9.27	25.16	892.7	347.0	1240	11249	.08491	.1043	801
EgreYAW	636.0	322.2	30/19	3.698	2.220	11.10	25.89	894.9	487.5	1382	13562	.08337	.1023	815
Flamingo/AW	666.6	337.7	246	4.234	2.822	8.47	25.40	936.2	289.7	1226	10478	.08186	.1007	818
GanneVAW	666.6	337.8	26/7	4.067	3.162	9.49	25.75	935.5	363.7	1299	11793	.08104	.09955	825
Starling/AW	715.5	362.5	26/17	4.214	3.277	9.83	26.69	1004.	390.5	1395	12474	.07546	.09284	863
Redwing/AW	715.5	362.5	30/19	3.922	2.352	11.76	27.45	1006.	547.3	1554	15150	.07415	.09110	878
Cuckoo/AW	795.0	402.8	24/7	4.623	3.081	9.24	27.73	1116.	345.3	1461	12474	.06867	.08470	913
Drake/AW	795.0	402.8	26/7	4.442	3.454	10.36	28.13	1116.	434.0	1550	13834	.06792	.08364	922
Tern/AW	795.0	402.8	45/7	3.376	2.250	6.75	27.01	1116.	184.2	1300	9752	.07005	.08656	896
Condor/AW	795.0	402.8	54/7	3.081	3.081	9.24	27.73	1115.	344.9	1460	12610	.06861	.08457	913
Mallard/AW	795.0	402.8	30/19	4.135	2.482	12.41	28.95	1119.	609.2	1728	16828	.06670	.08203	938
Ruddy/AW	900.0	456.0	45/7	3.592	2.395	7.19	28.74	1263.	208.7	1472	10886	.06188	.07643	970
Canary/AW	900.0	456.0	54/7	3.279	3.279	9.84	29.51	1263.	390.7	1654	14061	.06067	.07500	986
Rail/AW	954.0	483.4	45/7	3.698	2.466	7.40	29.59	1339.	221.3	1560.	11521	.05837	.07252	1003
Cardinal/AW	954.0	483.4	54/7	3.376	3.376	10.13	30.38	1339.	414.1	1753	14923	.05722	.07090	1022
Oftlan/AW	1033.5	523.6	45/7	3.848	2.565	7.70	30.78	1450.	239.4	1689	12292	.05384	.06705	1054
Curlew/AW	1033.5	523.6	54/7	3.513	3.513	10.54	31.62	1450.	448.4	1898	15921	.05279	.06550	1074
Bluejay/AW	1113.0	563.9	45/7	3.995	2.664	7.99	31.97	1563.	258.2	1821	13290	.05269	.06251	1103
Finch/AW	1113.0	563.9	54/19	3.647	2.189	10.95	32.83	1571.	474.2	2045	17010	.04931	.06134	1121
Bunting/AW	1192.5	604.2	45/7	4.135	2.756	8.27	33.08	1674.	276.3	1950	14197	.04669	.05852	1150
Grackle/AW	1192.5	604.2	54/19	3.774	2.266	11.33	33.98	1682.	507.8	2190	18234	.04603	.05744	1168
Biftern/AW	1272.0	644.5	45/7	4.270	2.847	8.54	34.16	1785.	294.9	2080	15150	.04380	.05507	1196
PheasantUAW	1272.0	644.5	54/19	3.899	2.339	11.70	35.09	1795.	541.4	2336	19232	.04315	.05399	1216
Dipper/AW	1351.5	684.8	45/7	4.402	2.934	8.80	35.21	1897.	313.1	2210	16102	.04121	.05202	1240
Marlin/AW	1351.5	684.8	54/19	4.018	2.410	12.05	36.16	1906	574.8	2481	20457	.04062	.05099	1261
Bobolink/AW	1431.0	725.1	45/17	4.529	3.020	9.06	36.25	2008.	331.8	2340	17055	.03891	.04932	1283
Plover/AW	1431.0	725.1	54/19	4.135	2.482	12.41	37.23	2019.	609.2	2628	21636	.03835	.04830	1306
Nuthatch/AW	1510.5	765.3	45/7	4.653	3.101	9.30	37.22	2120.	349.9	2470	18008	.03688	.04690	1326
Parro/AW	1510.5	765.3	54/19	4.247	2.548	12.74	38.22	2129	642.1	2771	22816	.03626	.04579	1351
Lapwing/AW	1590.0	805.6	45/7	4.775	3.183	9.55	38.20	2233.	368.4	2601	18960	.03507	.04481	1365
Falcon/AW	1590.0	805.6	54/19	4.359	2.616	13.08	39.23	2243.	677.1	2920	24040	.03452	.04377	1391
Chukar/AW	1780.0	901.9	84/19	3.698	2.220	11.10	40.69	2512.	487.5	2999	22407	.03191	.04032	1464
Bluebird/AW	2156.0	1092.5	84/19	4.069	2.441	12.20	44.76	3041.	589.4	3630	26762	.02585	.03403	1634
Kiwi/AW	2167.0	1098.0	72/7	4.407	2.939	8.82	44.07	3057.	313.8	3371	22271	.02604	.03464	1613
Thrasher/AW	2312.0	1171.5	76/19	4.430	2.068	10.34	45.78	3261.	422.9	3683	25084	.02432	.03257	1680
Joree/AW	2515.0	1274.4	76/19	4.620	2.156	10.78	47.74	3547.	460.0	4007	27306	.02236	.03039	1759

HIGH MECHANICAL STRENGTH														
<b>Grouse/AW</b>	80.0	40.5	8/1	2.540	4.242	4.24	9.32	111.7	93.1	204.9	2218	.6371	.7755	227
<b>Petrel/AW</b>	101.8	51.5	12/7	2.339	2.339	7.02	11.70	142.9	199.3	342.1	4495	.4675	.5695	281
<b>Minorca/AW</b>	110.8	56.1	12/7	2.441	2.441	7.32	12.20	155.6	216.9	372.5	4899	.4350	.5231	297
<b>Leghorn/AW</b>	134.6	68.2	12/7	2.690	2.690	8.07	13.45	188.9	263.4	452.3	5897	.3537	.4307	335
<b>Guinea/AW</b>	159.0	80.5	12/7	2.924	2.924	8.77	14.62	223.2	311.2	534.4	6940	.2993	.3647	372
<b>Dotterel/AW</b>	176.9	89.6	12/7	3.084	3.084	9.25	15.42	248.2	346.2	594.4	7666	.2691	.3277	398
<b>Dorking/AW</b>	190.8	96.6	12/7	3.203	3.203	9.61	16.01	267.8	373.5	641.4	8301	.2494	.3038	418
<b>Brahma/AW</b>	203.2	102.9	16/19	2.863	2.482	12.41	18.13	285.3	611.6	896.9	12292	.2155	.2623	464
<b>Cochin/AW</b>	211.3	107.0	12/17	3.371	3.371	10.11	16.85	296.6	413.6	710.3	8981	.2252	.2744	445

1. Weights are calculated using ASTM standard increments of Stranding.
2. Rated strengths are calculated by ASTM methods and converted to metric units after rounding.
3. Resistances courtesy of Copperweld Corp.; based on 61.2% IACS metal conductivity.
4. Current ratings are based on 75 °C conductor temperature, 25 °C ambient, 0.61 m/s wind, 1033 watts/sq meter sun. 0.5 coefficients of emissivity and absorption.