CTC GLOBAL

ACCC® Conductors

US CUSTOMARY SIZES																							
ACCC®	Conductor		Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity		
Size	(kcmil)	(mm²)	(in)	(mm)	(in)	(mm)	(lb/kft)	(kg/km)	(lbf)	(kN)	(lbf)	(kN)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	75°C	180°C	200°C
OCEANSIDE	383	194.2	0.680	17.27	0.235	5.97	395	588	13,400	59.6	15,800	70.3	0.2319	0.1441	0.2374	0.1475	0.2841	0.1765	0.3822	0.2375	558	938	987
LINNET	430	218.1	0.720	18.29	0.235	5.97	439	654	13,400	59.6	16,100	71.6	0.2055	0.1277	0.2061	0.1281	0.2517	0.1564	0.3475	0.2159	602	1,002	1,052
ORIOLE	439	222.3	0.741	18.82	0.280	7.11	462	687	19,100	85.0	21,900	97.5	0.2019	0.1255	0.2065	0.1283	0.2471	0.1535	0.3324	0.2065	612	1,033	1,087
WACO	454	230.1	0.770	19.56	0.305	7.75	486	723	22,700	101.0	25,600	113.9	0.1951	0.1212	0.1996	0.1240	0.2395	0.1488	0.3233	0.2009	628	1,060	1,115
LAREDO	530	268.4	0.807	20.50	0.280	7.11	547	814	19,100	85.0	22,400	99.7	0.1671	0.1038	0.1712	0.1064	0.2053	0.1276	0.2769	0.1720	687	1,162	1,223
IRVING	609	308.8	0.882	22.40	0.345	8.76	648	965	29,000	129.0	32,900	146.3	0.1454	0.0903	0.1491	0.0926	0.1788	0.1111	0.2411	0.1498	753	1,280	1,348
HAWK	611	309.7	0.858	21.79	0.280	7.11	624	928	19,100	85.0	23,000	102.3	0.1448	0.0900	0.1485	0.0923	0.1760	0.1094	0.2338	0.1452	753	1,289	1,358
DOVE	714	361.5	0.927	23.55	0.305	7.75	729	1085	22,700	101.0	27,200	121.0	0.1240	0.0771	0.1274	0.0792	0.1524	0.0947	0.2049	0.1273	826	1,410	1,486
AMARILLO	785	397.6	0.990	25.14	0.375	9.53	826	1230	34,100	151.7	39,100	173.9	0.1131	0.0702	0.1168	0.0725	0.1400	0.0870	0.1890	0.1174	877	1,499	1,579
GROSBEAK	821	416.2	0.990	25.15	0.320	8.13	836	1244	24,900	110.8	30,100	133.9	0.1081	0.0672	0.1114	0.0692	0.1334	0.0829	0.1796	0.1116	898	1,537	1,620
LUBBOCK	904	458.0	1.040	26.42	0.345	8.76	924	1375	29,000	129.0	34,700	154.4	0.0979	0.0608	0.1011	0.0628	0.1210	0.0752	0.1628	0.1011	956	1,640	1,729
GALVESTON	1011	512.4	1.090	27.69	0.345	8.76	1025	1525	29,000	129.0	35,400	157.5	0.0875	0.0544	0.0907	0.0564	0.1084	0.0674	0.1456	0.0905	1,022	1,760	1,856
DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1052	1566	34,100	151.7	40,600	180.6	0.0863	0.0536	0.0892	0.0554	0.1065	0.0662	0.1428	0.0888	1,036	1,786	1,884
CURLEW	1033	523.4	1.140	28.96	0.415	10.54	1088	1618	41,800	185.9	48,400	215.3	0.0862	0.0535	0.0898	0.0558	0.1069	0.0664	0.1429	0.0888	1,042	1,802	1,901
PLANO	1059	536.8	1.127	28.63	0.345	8.76	1073	1596	29,000	129.0	35,700	158.8	0.0840	0.0522	0.0876	0.0544	0.1045	0.0649	0.1400	0.0870	1,050	1,813	1,913
CORPUS CHRISTI	1103	558.9	1.146	29.11	0.345	8.76	1113	1656	29,000	129.0	36,000	160.1	0.0806	0.0501	0.0843	0.0524	0.1005	0.0625	0.1346	0.0836	1,076	1,860	1,962
ARLINGTON	1151	583.2	1.177	29.90	0.375	9.53	1173	1746	34,100	151.7	41,400	184.2	0.0773	0.0480	0.0809	0.0502	0.0964	0.0599	0.1290	0.0802	1,106	1,915	2,021
CARDINAL	1222	619.1	1.198	30.43	0.345	8.76	1225	1823	29,000	129.0	36,800	163.7	0.0728	0.0452	0.0762	0.0473	0.0906	0.0563	0.1208	0.0751	1,146	1,990	2,101
FORT WORTH	1300	658.9	1.240	31.50	0.375	9.53	1312	1953	34,100	151.7	42,400	188.6	0.0684	0.0425	0.0721	0.0448	0.0858	0.0533	0.1145	0.0711	1,189	2,067	2,183
EL PASO	1350	684.0	1.252	31.80	0.345	8.76	1345	2001	29,000	129.0	37,600	167.3	0.0659	0.0409	0.0698	0.0434	0.0829	0.0515	0.1104	0.0686	1,212	2,111	2,230
BEAUMONT	1429	723.9	1.294	32.87	0.375	9.53	1436	2137	34,100	151.7	43,200	192.2	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,257	2,193	2,317
SAN ANTONIO	1475	747.3	1.315	33.40	0.385	9.78	1484	2208	36,000	160.1	45,400	201.9	0.0603	0.0375	0.0623	0.0387	0.0738	0.0458	0.0978	0.0608	1,302	2,278	2,408
BITTERN	1582	801.4	1.345	34.16	0.345	8.76	1566	2330	29,000	129.0	39,100	173.9	0.0566	0.0352	0.0603	0.0375	0.0714	0.0444	0.0947	0.0589	1,331	2,333	2,466
DALLAS	1795	909.5	1.452	36.88	0.385	9.78	1793	2668	36,000	160.1	47,500	211.3	0.0497	0.0309	0.0546	0.0339	0.0640	0.0398	0.0839	0.0521	1,435	2,541	2,689
HOUSTON	1927	976.6	1.506	38.25	0.415	10.54	1934	2877	41,800	185.9	54,100	240.6	0.0459	0.0285	0.0510	0.0317	0.0596	0.0370	0.0775	0.0482	1,502	2,675	2,833
LAPWING	1949	987.5	1.504	38.20	0.385	9.78	1938	2884	36,000	160.1	48,400	215.3	0.0458	0.0285	0.0507	0.0315	0.0595	0.0370	0.0780	0.0485	1,502	2,665	2,821
FALCON	2045	1036.2	1.545	39.24	0.415	10.54	2045	3042	41,800	185.9	54,900	244.2	0.0436	0.0271	0.0479	0.0298	0.0563	0.0350	0.0739	0.0459	1,555	2,761	2,923
CHUKAR	2242	1135.8	1.604	40.74	0.395	10.03	2221	3304	38,100	169.5	52,400	233.1	0.0398	0.0247	0.0445	0.0277	0.0521	0.0324	0.0681	0.0423	1,633	2,913	3,085
BLUEBIRD	2741	1388.7	1.762	44.75	0.415	10.54	2703	4021	41,800	185.9	59,300	263.7	0.0326	0.0203	0.0387	0.0240	0.0447	0.0278	0.0573	0.0356	1,808	3,274	3,474

#Ampacity values based on 60 Hz, zero elevation, 90° sun altitude, 25°C ambient temperature, 0.5 Solar Absorbtivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft2 (1033 W/m2), at corresponding surface temperatures. Coefficient of thermal resistance is 0.00404 for ASTM sizes.
Different configurations among conductor manufacturers may result in slight variations within the parameters of indicated values for a given size in accordance with the stated specification
#All Bird code name conductors are subject to a code name in the future.

CTC GLOBAL

ACCC® Conductors

INTERNATIONAL SIZES																							
ACCC®	Conductor		Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity		
Size	(kcmil)	(mm²)	(in)	(mm)	(in)	(mm)	(lb/kft)	(kg/km)	(lbf)	(kN)	(lbf)	(kN)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	75°C	180°C	200°C
SILVASSA	242	122.7	0.565	14.35	0.235	5.97	264	392	13,400	59.6	15,000	66.5	0.3679	0.2286	0.3758	0.2335	0.4498	0.2795	0.6053	0.3761	423	705	741
HELSINKI	297	150.6	0.616	15.65	0.235	5.97	315	469	13,400	59.6	15,300	68.1	0.2997	0.1862	0.3061	0.1902	0.3664	0.2277	0.4931	0.3064	479	802	843
JAIPUR	307	155.7	0.650	16.51	0.305	7.75	351	522	22,700	101.0	24,700	109.7	0.2898	0.1801	0.2959	0.1839	0.3543	0.2202	0.4770	0.2964	494	829	871
ZADAR	350	177.4	0.673	17.09	0.280	7.11	379	564	19,100	85.0	21,300	94.9	0.2536	0.1576	0.2593	0.1611	0.3103	0.1928	0.4174	0.2594	533	895	942
ROVINJ	371	187.8	0.673	17.09	0.235	5.97	386	575	13,400	59.6	15,800	70.2	0.2393	0.1487	0.2446	0.1520	0.2927	0.1819	0.3938	0.2447	548	922	969
COPENHAGEN	434	219.9	0.720	18.29	0.235	5.97	443	659	13,400	59.6	16,200	72.0	0.2047	0.1272	0.2094	0.1301	0.2506	0.1557	0.3370	0.2094	603	1,017	1,070
REYKJAVIK	440	223.1	0.741	18.82	0.280	7.11	465	692	19,100	85.0	21,900	97.5	0.2021	0.1256	0.2067	0.1285	0.2474	0.1537	0.3327	0.2067	612	1,032	1,087
GDANSK	491	248.8	0.756	19.20	0.235	5.97	498	741	13,400	59.6	16,600	73.6	0.1812	0.1126	0.1856	0.1153	0.2220	0.1379	0.2984	0.1854	649	1,097	1,155
MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	537	798	41,800	185.9	44,700	198.8	0.1979	0.1230	0.2023	0.1257	0.2421	0.1504	0.3257	0.2024	634	1,076	1,133
GLASGOW	467	236.7	0.769	19.53	0.305	7.75	499	743	22,700	101.0	25,700	114.3	0.1905	0.1184	0.1949	0.1211	0.2332	0.1449	0.3136	0.1949	636	1,076	1,132
CASABLANCA	540	273.6	0.807	20.50	0.280	7.11	559	832	19,100	85.0	22,600	100.4	0.1648	0.1024	0.1688	0.1049	0.2019	0.1255	0.2714	0.1686	692	1,174	1,236
OSLO	619	313.8	0.882	22.40	0.345	8.76	659	981	29,000	129.0	33,000	146.7	0.1437	0.0893	0.1473	0.0915	0.1762	0.1095	0.2367	0.1471	759	1,292	1,361
LISBON	623	315.5	0.858	21.79	0.280	7.11	636	946	19,100	85.0	23,100	102.7	0.1427	0.0887	0.1464	0.0910	0.1751	0.1088	0.2352	0.1461	755	1,285	1,353
AMSTERDAM	725	367.4	0.927	23.55	0.305	7.75	742	1104	22,700	101.0	27,400	121.7	0.1226	0.0762	0.1261	0.0784	0.1507	0.0936	0.2022	0.1256	831	1,419	1,496
CORDOBA	788	399.4	0.961	24.41	0.305	7.75	800	1191	22,700	101.0	27,800	123.4	0.1127	0.0700	0.1165	0.0724	0.1390	0.0864	0.1864	0.1158	873	1,495	1,576
25 MM	756	383.2	0.984	24.99	0.415	10.54	822	1222	41,800	185.9	46,600	207.3	0.1175	0.0730	0.1207	0.0750	0.1442	0.0896	0.1935	0.1203	863	1,478	1,558
LEIPZIG	802	406.4	0.990	25.15	0.375	9.53	845	1258	34,100	151.7	39,200	174.5	0.1110	0.0690	0.1143	0.0710	0.1365	0.0848	0.1831	0.1138	888	1,522	1,605
BRUSSELS	832	421.4	0.990	25.15	0.320	8.13	849	1264	24,900	110.8	30,200	134.5	0.1072	0.0666	0.1105	0.0687	0.1319	0.0820	0.1769	0.1099	903	1,549	1,633
STOCKHOLM 3L	895	453.7	1.039	26.39	0.345	8.76	919	1368	29,000	129.0	34,700	154.5	0.0993	0.0617	0.1025	0.0637	0.1223	0.0760	0.1639	0.1019	950	1,634	1,723
STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	937	1395	29,000	129.0	34,900	155.1	0.0974	0.0605	0.1006	0.0625	0.1200	0.0746	0.1608	0.0999	959	1,650	1,740
WARSAW	1002	507.5	1.091	27.71	0.345	8.76	1021	1519	29,000	129.0	35,400	157.6	0.0890	0.0553	0.0922	0.0573	0.1099	0.0683	0.1471	0.0914	1,015	1,751	1,848
DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1065	1584	34,100	151.7	40,700	181.2	0.0859	0.0534	0.0891	0.0553	0.1061	0.0660	0.1420	0.0883	1,037	1,791	1,889
KOLKATA	1073	543.5	1.127	28.63	0.375	9.53	1105	1644	34,100	151.7	41,000	182.2	0.0832	0.0517	0.0863	0.0536	0.1029	0.0639	0.1376	0.0855	1,059	1,829	1,931
MAHAKAM	1075	544.9	1.142	29.01	0.415	10.54	1122	1669	41,800	185.9	48,700	216.6	0.0827	0.0514	0.0863	0.0536	0.1027	0.0638	0.1371	0.0852	1,063	1,840	1,942
HAMBURG	1078	546.4	1.127	28.63	0.345	8.76	1093	1627	29,000	129.0	35,900	159.7	0.0827	0.0514	0.0860	0.0534	0.1024	0.0636	0.1368	0.0850	1,061	1,834	1,936
MILAN	1120	567.7	1.146	29.11	0.345	8.76	1133	1686	29,000	129.0	36,200	160.9	0.0795	0.0494	0.0828	0.0514	0.0985	0.0612	0.1316	0.0818	1,086	1,880	1,985
ROME	1169	592.5	1.177	29.90	0.375	9.53	1193	1775	34,100	151.7	41,600	185.0	0.0763	0.0474	0.0795	0.0494	0.0946	0.0588	0.1263	0.0785	1,117	1,936	2,044
VIENNA	1242	629.2	1.198	30.43	0.345	8.76	1245	1852	29,000	129.0	37,000	164.4	0.0716	0.0445	0.0750	0.0466	0.0891	0.0554	0.1187	0.0738	1,156	2,008	2,120
BUDAPEST	1319	668.3	1.240	31.50	0.375	9.53	1334	1984	34,100	151.7	42,600	189.3	0.0676	0.0420	0.0709	0.0440	0.0842	0.0523	0.1122	0.0697	1,200	2,089	2,206
MUMBAI	1353	685.4	1.251	31.78	0.375	9.53	1368	2036	34,100	151.7	42,800	190.3	0.0660	0.0410	0.0693	0.0431	0.0823	0.0511	0.1095	0.0681	1,217	2,119	2,239
PRAGUE	1363	690.7	1.251	31.78	0.345	8.76	1364	2030	29,000	129.0	37,700	167.9	0.0655	0.0407	0.0690	0.0428	0.0818	0.0508	0.1088	0.0676	1,220	2,126	2,246
MUNICH	1447	733.2	1.293	32.84	0.375	9.53	1459	2171	34,100	151.7	43,400	192.9	0.0618	0.0384	0.0652	0.0405	0.0773	0.0480	0.1028	0.0638	1,266	2,211	2,337
WARWICK	1479	749.5	1.315	33.40	0.415	10.54	1507	2242	41,800	185.9	51,300	228.1	0.0604	0.0375	0.0636	0.0395	0.0755	0.0469	0.1005	0.0624	1,287	2,248	2,375
LONDON	1498	759.0	1.315	33.40	0.385	9.78	1509	2245	36,000	160.1	45,600	202.8	0.0595	0.0370	0.0630	0.0391	0.0746	0.0464	0.0991	0.0616	1,294	2,264	2,393
PARIS	1606	813.7	1.345	34.16	0.345	8.76	1590	2366	29,000	129.0	39,300	174.8	0.0555	0.0345	0.0593	0.0368	0.0700	0.0435	0.0927	0.0576	1,344	2,358	2,493
BORDEAUX	1739	880.9	1.408	35.76	0.415	10.54	1749	2601	41,800	185.9	52,900	235.5	0.0512	0.0318	0.0547	0.0340	0.0647	0.0402	0.0856	0.0532	1,416	2,489	2,632
ANTWERP	1865	944.9	1.451	36.86	0.385	9.78	1853	2757	36,000	160.1	48,000	213.3	0.0478	0.0297	0.0517	0.0321	0.0609	0.0378	0.0802	0.0498	1,471	2,598	2,749
BERLIN	1986	1006.5	1.504	38.20	0.415	10.54	1982	2948	41,800	185.9	54,500	242.6	0.0447	0.0278	0.0487	0.0303	0.0572	0.0356	0.0752	0.0467	1,532	2,714	2,873
MADRID	1999	1013.1	1.504	38.20	0.385	9.78	1979	2944	36,000	160.1	48,800	217.1	0.0444	0.0276	0.0485	0.0302	0.0570	0.0354	0.0748	0.0464	1,535	2,722	2,881
ATHENS	2782	1409.7	1.762	44.75	0.415	10.54	2732	4064	41,800	185.9	59,600	265.2	0.0320	0.0199	0.0371	0.0231	0.0429	0.0267	0.0552	0.0343	1,844	3,336	3,539

#Ampacity values based on 50 Hz, zero elevation, 90° sun altitude, 25°C ambient temperature, 0.5 Solar Absorbtivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft2 (1033 W/m2), at corresponding surface temperatures. Coefficient of thermal resistance is 0.00403 for International sizes.
Different configurations among conductor manufacturers may result in slight variations within the parameters of indicated values for a given size in accordance with the stated specification

CTC GLOBAL

ACCC® Conductors

US CUSTOMARY ULS SIZES†																							
ACCC-ULS	Conductor		Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity		
Size	(kcmil)	(mm²)	(in)	(mm)	(in)	(mm)	(lb/kft)	(kg/km)	(lbf)	(kN)	(lbf)	(kN)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	75°C	180°C	200°C
ULS IRVING	609	308.8	0.882	22.40	0.345	8.76	645	960	35,100	156.1	39,000	173.5	0.1454	0.0903	0.1491	0.0926	0.1788	0.1111	0.2411	0.1498	753	1,280	1,348
ULS LUBBOCK	904	458.0	1.040	26.42	0.345	8.76	921	1370	35,100	156.1	40,800	181.5	0.0979	0.0608	0.1011	0.0628	0.1210	0.0752	0.1628	0.1011	956	1,640	1,729
ULS GALVESTON	1011	512.4	1.090	27.69	0.345	8.76	1022	1520	35,100	156.1	41,500	184.6	0.0875	0.0544	0.0907	0.0564	0.1084	0.0674	0.1456	0.0905	1,022	1,760	1,856
ULS DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1049	1561	41,200	183.3	47,700	212.2	0.0863	0.0536	0.0892	0.0554	0.1065	0.0662	0.1428	0.0888	1,036	1,786	1,884
ULS CURLEW	1033	523.4	1.140	28.96	0.415	10.54	1083	1612	50,600	225.1	57,200	254.4	0.0862	0.0535	0.0898	0.0558	0.1069	0.0664	0.1429	0.0888	1,042	1,802	1,901
ULS PLANO	1059	536.8	1.127	28.63	0.345	8.76	1070	1591	35,100	156.1	41,800	185.9	0.0840	0.0522	0.0876	0.0544	0.1045	0.0649	0.1400	0.0870	1,050	1,813	1,913
ULS CORPUS CHRISTI	1103	558.9	1.146	29.11	0.345	8.76	1110	1651	35,100	156.1	42,100	187.3	0.0806	0.0501	0.0843	0.0524	0.1005	0.0625	0.1346	0.0836	1,076	1,860	1,962
ULS ARLINGTON	1151	583.2	1.177	29.90	0.375	9.53	1170	1741	41,200	183.3	48,500	215.7	0.0773	0.0480	0.0809	0.0502	0.0964	0.0599	0.1290	0.0802	1,106	1,915	2,021
ULS CARDINAL	1222	619.1	1.198	30.43	0.345	8.76	1222	1818	35,100	156.1	42,900	190.8	0.0728	0.0452	0.0762	0.0473	0.0906	0.0563	0.1208	0.0751	1,146	1,990	2,101
ULS FORT WORTH	1300	658.9	1.240	31.50	0.375	9.53	1309	1948	41,200	183.3	49,500	220.2	0.0684	0.0425	0.0721	0.0448	0.0858	0.0533	0.1145	0.0711	1,189	2,067	2,183
ULS El PASO	1350	684.0	1.252	31.80	0.345	8.76	1342	1996	35,100	156.1	43,700	194.4	0.0659	0.0409	0.0698	0.0434	0.0829	0.0515	0.1104	0.0686	1,212	2,111	2,230
ULS SAN ANTONIO	1475	747.3	1.315	33.40	0.385	9.78	1481	2203	43,500	193.5	52,900	235.3	0.0603	0.0375	0.0623	0.0387	0.0738	0.0458	0.0978	0.0608	1,302	2,278	2,408
ULS BITTERN	1582	801.4	1.345	34.16	0.345	8.76	1563	2325	35,100	156.1	45,200	201.1	0.0566	0.0352	0.0603	0.0375	0.0714	0.0444	0.0947	0.0589	1,331	2,333	2,466
ULS DALLAS	1795	909.5	1.452	36.88	0.385	9.78	1790	2663	43,500	193.5	55,000	244.7	0.0497	0.0309	0.0546	0.0339	0.0640	0.0398	0.0839	0.0521	1,435	2,541	2,689
ULS HOUSTON	1927	976.6	1.506	38.25	0.415	10.54	1929	2871	50,600	225.1	62,900	279.8	0.0459	0.0285	0.0510	0.0317	0.0596	0.0370	0.0775	0.0482	1,502	2,675	2,833
ULS LAPWING	1949	987.5	1.504	38.20	0.385	9.78	1935	2879	43,500	193.5	55,900	248.7	0.0458	0.0285	0.0507	0.0315	0.0595	0.0370	0.0780	0.0485	1,502	2,665	2,821
ULS CHUKAR	2242	1135.8	1.604	40.74	0.395	10.03	2217	3298	46,100	205.1	60,400	268.7	0.0398	0.0247	0.0445	0.0277	0.0521	0.0324	0.0681	0.0423	1,633	2,913	3,085
ULS FALCON	2045	1036.2	1.545	39.24	0.415	10.54	2040	3036	50,600	225.1	63,700	283.4	0.0436	0.0271	0.0479	0.0298	0.0563	0.0350	0.0739	0.0459	1,555	2,761	2,923
ULS BLUEBIRD	2741	1388.7	1.762	44.75	0.415	10.54	2698	4015	50,600	225.1	68,100	302.9	0.0326	0.0203	0.0387	0.0240	0.0454	0.0282	0.0595	0.0370	1,794	3,213	3,405

#Ampacity values based on 60 Hz, zero elevation, 90° sun altitude, 25°C ambient temperature, 0.5 Solar Absorbtivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft2 (1033 W/m2), at corresponding surface temperatures. Coefficient of thermal resistance is 0.00404 for ASTM sizes.
Different configurations among conductor manufacturers may result in slight variations within the parameters of indicated values for a given size in accordance with the stated specification
[##]All Bird code name conductors are subject to a code name in the future.
†ULS Conductors have a composite core that exhibits a higher tensile strength and modulus, used for long span crossing and heavy ice loads.

CTC GLOBAL

ACCC® Conductors

INTERNATIONAL ULS SIZES†																							
ACCC®-ULS	Conductor		Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity		
Size	(kcmil)	(mm²)	(in)	(mm)	(in)	(mm)	(lb/kft)	(kg/km)	(lbf)	(kN)	(lbf)	(kN)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	(ohm/mile)	(ohm/km)	75°C	180°C	200°C
ULS MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	532	792	50,600	225.1	53,500	237.9	0.1979	0.1230	0.2023	0.1257	0.2421	0.1504	0.3257	0.2024	634	1,076	1,133
ULS OSLO	619	313.8	0.882	22.40	0.345	8.76	656	976	35,100	156.1	39,100	173.8	0.1437	0.0893	0.1473	0.0915	0.1762	0.1095	0.2367	0.1471	759	1,292	1,361
ULS 25 MM	756	383.2	0.984	24.99	0.415	10.54	817	1216	50,600	225.1	55,500	246.7	0.1175	0.0730	0.1207	0.0750	0.1442	0.0896	0.1935	0.1203	863	1,478	1,558
ULS LEIPZIG	802	406.4	0.990	25.15	0.375	9.53	842	1253	41,200	183.3	46,300	206.1	0.1110	0.0690	0.1143	0.0710	0.1365	0.0848	0.1831	0.1138	888	1,522	1,605
ULS STOCKHOLM 3L	895	453.7	1.039	26.39	0.345	8.76	916	1363	35,100	156.1	40,800	181.7	0.0993	0.0617	0.1025	0.0637	0.1223	0.0760	0.1639	0.1019	950	1,634	1,723
ULS STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	934	1390	35,100	156.1	41,000	182.2	0.0974	0.0605	0.1006	0.0625	0.1200	0.0746	0.1608	0.0999	959	1,650	1,740
ULS WARSAW	1002	507.5	1.091	27.71	0.345	8.76	1018	1514	35,100	156.1	41,500	184.7	0.0890	0.0553	0.0922	0.0573	0.1099	0.0683	0.1471	0.0914	1,015	1,751	1,848
ULS DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1061	1580	41,200	183.3	47,800	212.8	0.0859	0.0534	0.0891	0.0553	0.1061	0.0660	0.1420	0.0883	1,037	1,791	1,889
ULS KOLKATA	1073	543.5	1.127	28.63	0.375	9.53	1101	1639	41,200	183.3	48,100	213.8	0.0832	0.0517	0.0863	0.0536	0.1029	0.0639	0.1376	0.0855	1,059	1,829	1,931
ULS HAMBURG	1078	546.4	1.127	28.63	0.345	8.76	1090	1622	35,100	156.1	42,000	186.9	0.0827	0.0514	0.0860	0.0534	0.1024	0.0636	0.1368	0.0850	1,061	1,834	1,936
ULS MAHAKAM	1075	544.9	1.142	29.01	0.415	10.54	1117	1663	50,600	225.1	57,500	255.7	0.0827	0.0514	0.0863	0.0536	0.1027	0.0638	0.1371	0.0852	1,063	1,840	1,942
ULS MILAN	1120	567.7	1.146	29.11	0.345	8.76	1130	1681	35,100	156.1	42,300	188.1	0.0795	0.0494	0.0828	0.0514	0.0985	0.0612	0.1316	0.0818	1,086	1,880	1,985
ULS ROME	1169	592.5	1.177	29.90	0.375	9.53	1189	1770	41,200	183.3	48,700	216.6	0.0763	0.0474	0.0795	0.0494	0.0946	0.0588	0.1263	0.0785	1,117	1,936	2,044
ULS VIENNA	1242	629.2	1.198	30.43	0.345	8.76	1242	1847	35,100	156.1	43,100	191.5	0.0716	0.0445	0.0750	0.0466	0.0891	0.0554	0.1187	0.0738	1,156	2,008	2,120
ULS BUDAPEST	1319	668.3	1.240	31.50	0.375	9.53	1330	1980	41,200	183.3	49,700	220.9	0.0676	0.0420	0.0709	0.0440	0.0842	0.0523	0.1122	0.0697	1,200	2,089	2,206
ULS MUMBAI	1353	685.4	1.251	31.78	0.375	9.53	1365	2031	41,200	183.3	49,900	221.8	0.0660	0.0410	0.0693	0.0431	0.0823	0.0511	0.1095	0.0681	1,217	2,119	2,239
ULS PRAGUE	1363	690.7	1.251	31.78	0.345	8.76	1361	2025	35,100	156.1	43,800	195.0	0.0655	0.0407	0.0690	0.0428	0.0818	0.0508	0.1088	0.0676	1,220	2,126	2,246
ULS MUNICH	1447	733.2	1.293	32.84	0.375	9.53	1455	2166	41,200	183.3	50,500	224.5	0.0618	0.0384	0.0652	0.0405	0.0773	0.0480	0.1028	0.0638	1,266	2,211	2,337
ULS LONDON	1498	759.0	1.315	33.40	0.385	9.78	1505	2240	43,500	193.5	53,100	236.2	0.0595	0.0370	0.0630	0.0391	0.0746	0.0464	0.0991	0.0616	1,294	2,264	2,393
ULS PARIS	1606	813.7	1.345	34.16	0.345	8.76	1587	2361	35,100	156.1	45,400	201.9	0.0555	0.0345	0.0593	0.0368	0.0700	0.0435	0.0927	0.0576	1,344	2,358	2,493
ULS BORDEAUX	1739	880.9	1.408	35.76	0.415	10.54	1744	2595	50,600	225.1	61,700	274.6	0.0512	0.0318	0.0547	0.0340	0.0647	0.0402	0.0856	0.0532	1,416	2,489	2,632
ULS ANTWERP	1865	944.9	1.451	36.86	0.385	9.78	1849	2752	43,500	193.5	55,500	246.7	0.0478	0.0297	0.0517	0.0321	0.0609	0.0378	0.0802	0.0498	1,471	2,598	2,749
ULS BERLIN	1986	1006.5	1.504	38.20	0.415	10.54	1977	2942	50,600	225.1	63,300	281.7	0.0447	0.0278	0.0487	0.0303	0.0572	0.0356	0.0752	0.0467	1,532	2,714	2,873
ULS MADRID	1999	1013.1	1.504	38.20	0.385	9.78	1975	2940	43,500	193.5	56,300	250.5	0.0444	0.0276	0.0485	0.0302	0.0570	0.0354	0.0748	0.0464	1,535	2,722	2,881
ULS ATHENS	2782	1409.7	1.762	44.75	0.415	10.54	2727	4059	50,600	225.1	68,400	304.4	0.0320	0.0199	0.0371	0.0231	0.0429	0.0267	0.0552	0.0343	1,844	3,336	3,539

#Ampacity values based on 50 Hz, zero elevation, 90° sun altitude, 25°C ambient temperature, 0.5 Solar Absorbtivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft2 (1033 W/m2), at corresponding surface temperatures. Coefficient of thermal resistance is 0.00403 for International sizes.
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†ULS Conductors have a composite core that exhibits a higher tensile strength and modulus, used for long span crossing and heavy ice loads.