

ACCC® Conductors

ASTM 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			
ATSM 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	396	589	13,600	60.4	16,000	71.2	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	440	655	13,600	60.4	16,300	72.5	0.2122	0.1319	0.2103	0.1307	0.2517	0.1564	0.3386	0.2104	602	1,014	1,067
ORIOLE	439	222.3	0.741	18.82	0.280	7.11	463	689	19,300	85.7	22,100	98.3	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	485	721	22,900	101.7	25,800	114.8	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	548	816	19,300	85.7	22,700	101.0	0.1671	0.1038	0.1712	0.1064	0.2053	0.1276	0.2769	0.1720	686	1,162	1,223
IRVING	609	308.8	0.882	22.40	0.345	8.76	649	965	29,300	130.2	33,200	147.7	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	625	930	19,300	85.7	23,200	103.2	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	728	1083	22,900	101.7	27,500	122.3	0.1240	0.0771	0.1274	0.0792	0.1524	0.0947	0.2049	0.1273	826	1,410	1,485
AMARILLO	785	397.6	0.990	25.14	0.375	9.53	827	1231	34,600	153.8	39,600	176.1	0.1131	0.0702	0.1168	0.0725	0.1400	0.0870	0.1890	0.1174	877	1,498	1,579
GROSBEAK	821	416.2	0.990	25.15	0.320	8.13	837	1245	25,200	112.0	30,400	135.2	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	29,300	130.2	35,100	156.1	0.0979	0.0608	0.1011	0.0628	0.1210	0.0752	0.1628	0.1011	955	1,640	1,729
GALVESTON	1011	512.4	1.090	27.69	0.345	8.76	1025	1525	29,300	130.2	35,700	158.8	0.0875	0.0544	0.0907	0.0564	0.1084	0.0674	0.1456	0.0905	1,022	1,759	1,856
DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1052	1565	34,600	153.8	41,200	183.3	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	1082	1610	42,300	188.3	49,000	218.0	0.0862	0.0535	0.0898	0.0558	0.1069	0.0664	0.1429	0.0888	1,041	1,801	1,901
PLANO	1059	536.8	1.127	28.63	0.345	8.76	1073	1597	29,300	130.2	36,000	160.1	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	29,300	130.2	36,300	161.5	0.0806	0.0501	0.0843	0.0524	0.1005	0.0625	0.1346	0.0836	1,075	1,859	1,962
ARLINGTON	1151	583.2	1.177	29.90	0.375	9.53	1173	1746	34,600	153.8	41,900	186.4	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	29,300	130.2	37,100	165.0	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	1952	34,600	153.8	42,900	190.8	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	2002	29,300	130.2	37,900	168.6	0.0659	0.0409	0.0698	0.0434	0.0829	0.0515	0.1104	0.0686	1,212	2,111	2,230
DHAKA/BEAUMONT	1429	723.9	1.294	32.87	0.375	9.53	1436	2137	34,600	153.8	43,700	194.4	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,256	2,193	2,317
SAN ANTONIO	1475	747.3	1.315	33.40	0.385	9.78	1486	2211	36,400	162.1	45,900	204.2	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	29,300	130.2	39,400	175.3	0.0566	0.0352	0.0603	0.0375	0.0714	0.0444	0.0947	0.0589	1,331	2,332	2,465
DALLAS	1795	909.5	1.452	36.88	0.385	9.78	1795	2671	36,400	162.1	47,900	213.1	0.0497	0.0309	0.0546	0.0339	0.0640	0.0398	0.0839	0.0521	1,434	2,540	2,689
HOUSTON	1927	976.6	1.506	38.25	0.415	10.54	1934	2878	42,300	188.3	54,700	243.3	0.0459	0.0285	0.0510	0.0317	0.0596	0.0370	0.0775	0.0482	1,502	2,674	2,832
LAPWING	1949	987.5	1.504	38.20	0.385	9.78	1940	2887	36,400	162.1	48,900	217.5	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	3043	42,300	188.3	55,400	246.4	0.0436	0.0271	0.0479	0.0298	0.0563	0.0350	0.0739	0.0459	1,555	2,760	2,922
CHUKAR	2242	1135.8	1.604	40.74	0.395	10.03	2220	3304	38,400	170.6	52,700	234.4	0.0398	0.0247	0.0445	0.0277	0.0521	0.0324	0.0681	0.0423	1,633	2,912	3,085
CHUKAR II	2606	1320.3	1.720	43.69	0.395	10.03	2570	3825	38,400	170.6	55,100	245.1	0.0344	0.0214	0.0410	0.0255	0.0471	0.0293	0.0599	0.0372	1,749	3,176	3,372
BLUEBIRD	2741	1388.7	1.762	44.75	0.415	10.54	2703	4023	42,300	188.3	59,900	266.4	0.0326	0.0203	0.0387	0.0240	0.0447	0.0278	0.0573	0.0356	1,807	3,273	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.

The information contained herein is offered in good faith. The actual configuration of a given size may vary between conductor manufacturers and may result in slight variations in some of the indicated values.

^{**}All Bird code name conductors are subject to a code name change in the future.

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				
International 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	265	394	13,600	60.4	15,100	67.3	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	317	471	13,600	60.4	15,500	68.9	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	349	520	22,900	101.7	25,200	112.3	0.2898	0.1801	0.2901	0.1803	0.3543	0.2202	0.4891	0.3039	494	818	859	
ZADAR	350	177.4	0.673	17.09	0.280	7.11	380	566	19,300	85.7	21,500	95.7	0.2536	0.1576	0.2593	0.1611	0.3103	0.1928	0.4174	0.2594	533	895	941	
ROVINJ	371	187.8	0.673	17.09	0.235	5.97	387	576	13,600	60.4	16,000	71.1	0.2393	0.1487	0.2446	0.1520	0.2927	0.1819	0.3938	0.2447	548	921	969	
COPENHAGEN	434	219.9	0.720	18.29	0.235	5.97	444	661	13,600	60.4	16,400	72.8	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	466	694	19,300	85.7	22,100	98.3	0.2021	0.1256	0.2067	0.1285	0.2474	0.1537	0.3327	0.2067	612	1,032	1,086	
GDANSK	491	248.8	0.756	19.20	0.235	5.97	499	742	13,600	60.4	16,700	74.4	0.1812	0.1126	0.1856	0.1153	0.2220	0.1379	0.2984	0.1854	649	1,097	1,154	
MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	537	799	42,300	188.3	45,200	201.2	0.1979	0.1230	0.2023	0.1257	0.2421	0.1504	0.3257	0.2024	634	1,076	1,132	
GLASGOW	467	236.7	0.769	19.53	0.305	7.75	498	741	22,900	101.7	25,900	115.0	0.1905	0.1184	0.1949	0.1211	0.2332	0.1449	0.3136	0.1949	636	1,075	1,132	
CASABLANCA	540	273.6	0.807	20.50	0.280	7.11	561	834	19,300	85.7	22,700	101.1	0.1648	0.1024	0.1688	0.1049	0.2019	0.1255	0.2714	0.1686	692	1,173	1,235	
OSLO	619	313.8	0.882	22.40	0.345	8.76	659	981	29,300	130.2	33,200	147.9	0.1437	0.0893	0.1473	0.0915	0.1762	0.1095	0.2367	0.1471	758	1,291	1,360	
LISBON	623	315.5	0.858	21.79	0.280	7.11	637	948	19,300	85.7	23,300	103.4	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	740	1101	22,900	101.7	27,500	122.4	0.1226	0.0762	0.1261	0.0784	0.1507	0.0936	0.2022	0.1256	831	1,419	1,495	
CORDOBA	788	399.4	0.961	24.41	0.305	7.75	801	1192	22,900	101.7	28,000	124.6	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	1223	42,300	188.3	47,200	209.9	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	1257	34,600	153.8	39,700	176.7	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	850	1265	25,200	112.0	30,500	135.7	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	29,300	130.2	35,000	155.7	0.0993	0.0617	0.1025	0.0637	0.1223	0.0760	0.1639	0.1019	950	1,633	1,722	
STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	937	1395	29,300	130.2	35,100	156.3	0.0974	0.0605	0.1006	0.0625	0.1200	0.0746	0.1608	0.0999	959	1,649	1,739	
WARSAW	1002	507.5	1.091	27.71	0.345	8.76	1021	1520	29,300	130.2	35,700	158.7	0.0890	0.0553	0.0922	0.0573	0.1099	0.0683	0.1471	0.0914	1,015	1,751	1,847	
DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1064	1583	34,600	153.8	41,200	183.3	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	1104	1643	34,600	153.8	41,400	184.4	0.0832	0.0517	0.0863	0.0536	0.1029	0.0639	0.1376	0.0855	1,058	1,829	1,930	
MAHAKAM	1075	544.9	1.142	29.01	0.415	10.54	1118	1663	42,300	188.3	49,200	218.9	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	29,300	130.2	36,200	160.9	0.0827	0.0514	0.0860	0.0534	0.1024	0.0636	0.1368	0.0850	1,061	1,834	1,935	
MILAN	1120	567.7	1.146	29.11	0.345	8.76	1133	1686	29,300	130.2	36,400	162.1	0.0795	0.0494	0.0828	0.0514	0.0985	0.0612	0.1316	0.0818	1,086	1,880	1,984	
ROME	1169	592.5	1.177	29.90	0.375	9.53	1192	1774	34,600	153.8	42,100	187.1	0.0763	0.0474	0.0795	0.0494	0.0946	0.0588	0.1263	0.0785	1,117	1,936	2,043	
VIENNA	1242	629.2	1.198	30.43	0.345	8.76	1245	1853	29,300	130.2	37,200	165.6	0.0716	0.0445	0.0750	0.0466	0.0891	0.0554	0.1187	0.0738	1,156	2,007	2,120	
BUDAPEST	1319	668.3	1.240	31.50	0.375	9.53	1333	1984	34,600	153.8	43,000	191.4	0.0676	0.0420	0.0709	0.0440	0.0842	0.0523	0.1122	0.0697	1,200	2,088	2,206	
MUMBAI	1353	685.4	1.251	31.78	0.375	9.53	1367	2035	34,600	153.8	43,200	192.4	0.0660	0.0410	0.0693	0.0431	0.0823	0.0511	0.1095	0.0681	1,216	2,119	2,238	
PRAGUE	1363	690.7	1.251	31.78	0.345	8.76	1364	2031	29,300	130.2	38,000	169.1	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	1458	2170	34,600	153.8	43,800	195.0	0.0618	0.0384	0.0652	0.0405	0.0773	0.0480	0.1028	0.0638	1,266	2,211	2,336	
WARWICK	1479	749.5	1.315	33.40	0.415	10.54	1507	2243	42,300	188.3	51,800	230.5	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	1511	2248	36,400	162.1	46,000	204.8	0.0595	0.0370	0.0630	0.0391	0.0746	0.0464	0.0991	0.0616	1,294	2,264	2,392	
PARIS	1606	813.7	1.345	34.16	0.345	8.76	1590	2366	29,300	130.2	39,600	176.0	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	2602	42,300	188.3	53,500	237.9	0.0512	0.0318	0.0547	0.0340	0.0647	0.0402	0.0856	0.0532	1,415	2,489	2,632	
ANTWERP																								

ACCC [®] ATSM Size	ASTM ULS SIZES [†]																		#Ampacity				
	Conductor	Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity			
(kcmil)	(mm ²)	(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	646	961	35,100	155.9	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	1371	35,100	155.9	40,800	181.5	0.0979	0.0608	0.1011	0.0628	0.1210	0.0752	0.1628	0.1011	955	1,640	1,729
ULS GALVESTON	1011	512.4	1.090	27.69	0.345	8.76	1022	1521	35,100	155.9	41,500	184.6	0.0875	0.0544	0.0907	0.0564	0.1084	0.0674	0.1456	0.0905	1,022	1,759	1,856
ULS DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1049	1561	41,400	184.2	47,900	213.1	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	1078	1604	50,700	225.6	57,300	254.9	0.0862	0.0535	0.0898	0.0558	0.1069	0.0664	0.1429	0.0888	1,041	1,801	1,901
ULS PLANO	1059	536.8	1.127	28.63	0.345	8.76	1070	1592	35,100	155.9	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	1652	35,100	155.9	42,100	187.3	0.0806	0.0501	0.0843	0.0524	0.1005	0.0625	0.1346	0.0836	1,075	1,859	1,962
ULS ARLINGTON	1151	583.2	1.177	29.90	0.375	9.53	1170	1741	41,400	184.2	48,700	216.6	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	1819	35,100	155.9	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	41,400	184.2	49,700	221.1	0.0684	0.0425	0.0721	0.0448	0.0858	0.0533	0.1145	0.0711	1,189	2,067	2,183
ULS EI PASO	1350	684.0	1.252	31.80	0.345	8.76	1342	1997	35,100	155.9	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 DHAKA/BEAUMONT	1429	723.9	1.294	32.87	0.375	9.53	1433	2133	41,400	184.2	50,500	224.6	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,256	2,193	2,317
ULS SAN ANTONIO	1475	747.3	1.315	33.40	0.385	9.78	1481	2204	43,700	194.2	53,100	236.2	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	2326	35,100	155.9	45,200	201.1	0.0566	0.0352	0.0603	0.0375	0.0714	0.0444	0.0947	0.0589	1,331	2,332	2,465
ULS DALLAS	1795	909.5	1.452	36.88	0.385	9.78	1790	2664	43,700	194.2	55,200	245.5	0.0497	0.0309	0.0546	0.0339	0.0640	0.0398	0.0839	0.0521	1,434	2,540	2,689
ULS HOUSTON	1927	976.6	1.506	38.25	0.415	10.54	1930	2872	50,700	225.6	63,000	280.2	0.0459	0.0285	0.0510	0.0317	0.0596	0.0370	0.0775	0.0482	1,502	2,674	2,832
ULS LAPWING	1949	987.5	1.504	38.20	0.385	9.78	1935	2880	43,700	194.2	56,100	249.5	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	3299	46,000	204.4	60,300	268.2	0.0398	0.0247	0.0445	0.0277	0.0521	0.0324	0.0681	0.0423	1,633	2,912	3,085
ULS FALCON	2045	1036.2	1.545	39.24	0.415	10.54	2041	3037	50,700	225.6	63,800	283.8	0.0436	0.0271	0.0479	0.0298	0.0563	0.0350	0.0739	0.0459	1,555	2,760	2,922
ULS CHUKAR II	2606	1320.3	1.720	43.69	0.395	10.03	2567	3820	46,000	204.4	62,700	278.9	0.0344	0.0214	0.0410	0.0255	0.0471	0.0293	0.0599	0.0372	1,749	3,176	3,372
ULS BLUEBIRD	2741	1388.7	1.762	44.75	0.415	10.54	2699	4017	50,700	225.6	68,200	303.4	0.0326	0.0203	0.0387	0.0240	0.0454	0.0282	0.0595	0.0370	1,793	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.

The information contained herein is offered in good faith. The actual configuration of a given size may vary between conductor manufacturers and may result in slight variations in some of the indicated values.

[†]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.

INTERNATIONAL ULS SIZES*																							
ACCC® International Size	Conductor		Diameter		Core Diameter		Weight		Core Rated Strength		Cond. Rated Strength		DC @ 20°C		AC @ 25°C		AC @ 75°C		AC @ 180°C		#Ampacity		
	(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	50,700	225.6	53,600	238.5	0.1979	0.1230	0.2023	0.1257	0.2421	0.1504	0.3257	0.2024	634	1,076	1,132
ULS OSLO	619	313.8	0.882	22.40	0.345	8.76	656	977	35,100	155.9	39,000	173.6	0.1437	0.0893	0.1473	0.0915	0.1762	0.1095	0.2367	0.1471	758	1,291	1,360
ULS 25 MM	756	383.2	0.984	24.99	0.415	10.54	817	1216	50,700	225.6	55,600	247.2	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	41,400	184.2	46,500	207.1	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	917	1364	35,100	155.9	40,800	181.4	0.0993	0.0617	0.1025	0.0637	0.1223	0.0760	0.1639	0.1019	950	1,633	1,722
ULS STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	935	1391	35,100	155.9	40,900	182.0	0.0974	0.0605	0.1006	0.0625	0.1200	0.0746	0.1608	0.0999	959	1,649	1,739
ULS WARSAW	1002	507.5	1.091	27.71	0.345	8.76	1018	1516	35,100	155.9	41,500	184.4	0.0890	0.0553	0.0922	0.0573	0.1099	0.0683	0.1471	0.0914	1,015	1,751	1,847
ULS DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1061	1579	41,400	184.2	48,000	213.7	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	41,400	184.2	48,300	214.8	0.0832	0.0517	0.0863	0.0536	0.1029	0.0639	0.1376	0.0855	1,058	1,829	1,930
ULS HAMBURG	1078	546.4	1.127	28.63	0.345	8.76	1091	1623	35,100	155.9	42,000	186.6	0.0827	0.0514	0.0860	0.0534	0.1024	0.0636	0.1368	0.0850	1,061	1,834	1,935
ULS MAHKAM	1075	544.9	1.142	29.01	0.415	10.54	1118	1663	50,700	225.6	57,600	256.3	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	1682	35,100	155.9	42,200	187.8	0.0795	0.0494	0.0828	0.0514	0.0985	0.0612	0.1316	0.0818	1,086	1,880	1,984
ULS ROME	1169	592.5	1.177	29.90	0.375	9.53	1190	1770	41,400	184.2	48,900	217.5	0.0763	0.0474	0.0795	0.0494	0.0946	0.0588	0.1263	0.0785	1,117	1,936	2,043
ULS VIENNA	1242	629.2	1.198	30.43	0.345	8.76	1242	1849	35,100	155.9	43,000	191.3	0.0716	0.0445	0.0750	0.0466	0.0891	0.0554	0.1187	0.0738	1,156	2,007	2,120
ULS BUDAPEST	1319	668.3	1.240	31.50	0.375	9.53	1330	1980	41,400	184.2	49,900	221.8	0.0676	0.0420	0.0709	0.0440	0.0842	0.0523	0.1122	0.0697	1,200	2,088	2,206
ULS MUMBAI	1353	685.4	1.251	31.78	0.375	9.53	1365	2031	41,400	184.2	50,100	222.8	0.0660	0.0410	0.0693	0.0431	0.0823	0.0511	0.1095	0.0681	1,216	2,119	2,238
ULS PRAGUE	1363	690.7	1.251	31.78	0.345	8.76	1362	2027	35,100	155.9	43,800	194.8	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	1456	2166	41,400	184.2	50,700	225.4	0.0618	0.0384	0.0652	0.0405	0.0773	0.0480	0.1028	0.0638	1,266	2,211	2,336
ULS LONDON	1498	759.0	1.315	33.40	0.385	9.78	1505	2240	43,700	194.2	53,300	236.9	0.0595	0.0370	0.0630	0.0391	0.0746	0.0464	0.0991	0.0616	1,294	2,264	2,392
ULS PARIS	1606	813.7	1.345	34.16	0.345	8.76	1587	2362	35,100	155.9	45,300	201.7	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	50,700	225.6	61,900	275.2	0.0512	0.0318	0.0547	0.0340	0.0647	0.0402	0.0856	0.0532	1,415	2,489	2,632
ULS ANTWERP	1865	944.9	1.451	36.86	0.385	9.78	1849	2752	43,700	194.2	55,600	247.4	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	50,700	225.6	63,400	282.2	0.0447	0.0278	0.0487	0.0303	0.0572	0.0356	0.0752	0.0467	1,531	2,714	2,872
ULS MADRID	1999	1013.1	1.504	38.20	0.385	9.78	1975	2940	43,700	194.2	56,500	251.2	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	2728	4059	50,700	225.6	68,500	304.9	0.0320	0.0199	0.0371	0.0231	0.0429	0.0267	0.0552	0.0343	1,844	3,335	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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