ACCC® Conductor Data Sheets

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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	13,600	60.4	16,000	71.1	0.2319	0.1441	0.2374	0.1475	0.2841	0.1765	0.3822	0.2375	558	938	987
LINNET	431	218.1	0.720	18.29	0.235	5.97	439	654	13,600	60.4	16,300	72.4	0.2055	0.1277	0.2103	0.1307	0.2517	0.1564	0.3386	0.2104	602	1,014	1,067
ORIOLE	439	222.2	0.741	18.82	0.280	7.11	462	687	19,300	85.7	22,100	98.2	0.2019	0.1255	0.2065	0.1283	0.2471	0.1535	0.3324	0.2065	612	1,033	1,087
WACO	454	230.0	0.770	19.56	0.305	7.75	486	723	22,900	101.7	25,800	114.6	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	19,300	85.7	22,700	100.4	0.1671	0.1038	0.1712	0.1064	0.2053	0.1276	0.2769	0.1720	687	1,162	1,223
IRVING	610	308.8	0.882	22.40	0.345	8.76	648	965	29,300	130.2	33,200	147.5	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	19,300	85.7	23,200	103.0	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	22,900	101.7	27,500	121.7	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	25.15	0.375	9.53	826	1230	34,600	153.8	39,600	176.0	0.1130	0.0702	0.1168	0.0726	0.1400	0.0870	0.1887	0.1173	877	1,500	1,580
GROSBEAK	821	416.2	0.990	25.15	0.320	8.13	836	1244	25,200	112.0	30,400	135.1	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	155.6	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	29,300	130.2	35,700	158.7	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	34,600	153.8	41,200	182.7	0.0863	0.0536	0.0892	0.0554	0.1065	0.0662	0.1428	0.0888	1,036	1,786	1,884
CURLEW	1036	525.1	1.134	28.80	0.415	10.54	1088	1618	42,300	188.3	48,900	217.7	0.0858	0.0533	0.0894	0.0556	0.1064	0.0661	0.1421	0.0883	1,043	1,804	1,903
PLANO	1060	536.8	1.127	28.63	0.345	8.76	1073	1596	29,300	130.2	36,000	160.0	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	161.3	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	34,600	153.8	41,900	186.3	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	164.9	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	34,600	153.8	42,900	190.7	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	29,300	130.2	37,900	168.5	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	34,600	153.8	43,700	194.3	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	36,400	162.1	45,900	203.9	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	29,300	130.2	39,400	175.1	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	36,400	162.1	47,900	213.3	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	42,300	188.3	54,700	243.0	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	36,400	162.1	48,900	217.3	0.0458	0.0285	0.0507	0.0315	0.0595	0.0370	0.0780	0.0485	1,502	2,665	2,821
FALCON	2045	1036.3	1.545	39.24	0.415	10.54	2045	3042	42,300	188.3	55,400	246.6	0.0436	0.0271	0.0479	0.0298	0.0563	0.0350	0.0739	0.0459	1,555	2,761	2,923
BLUEBIRD	2741	1388.7	1.762	44.75	0.415	10.54	2703	4021	42,300	188.3	59,900	266.1	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 new code name 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		
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	13,600	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	315	469	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	16.50	0.305	7.75	351	522	22,900	101.7	24,800	110.5	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	17.10	0.280	7.11	379	564	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	942
ROVINJ	374	189.3	0.673	17.10	0.235	5.97	386	575	13,600	60.4	16,000	71.0	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	13,600	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	465	692	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	1,087
GDANSK	491	248.8	0.756	19.20	0.235	5.97	498	741	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	1,155
MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	537	798	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	1,133
GLASGOW	467	236.7	0.769	19.53	0.305	7.75	499	743	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	1,076	1,132
CASABLANCA	540	273.6	0.807	20.50	0.280	7.11	559	832	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	1,174	1,236
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	759	1,291	1,360
LISBON	623	315.5	0.858	21.79	0.280	7.11	636	946	19,300	85.7	23,200	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	742	1104	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	1,496
VANCOUVER	756	383.2	0.984	25.00	0.415	10.54	822	1222	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
CORDOBA	788	399.4	0.961	24.41	0.305	7.75	800	1191	22,900	101.7	27,900	124.2	0.1127	0.0700	0.1165	0.0724	0.1390	0.0864	0.1864	0.1158	873	1,495	1,576
LEIPZIG	802	406.4	0.990	25.14	0.375	9.53	845	1258	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	849	1264	25,200	112.0	30,500	135.7	0.1072	0.0666	0.1105	0.0687	0.1319	0.0820	0.1769	0.1099	904	1,549	1,633
STOCKHOLM 3L	895	453.7	1.039	26.40	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	1,634	1,723
STOCKHOLM 2L	914	463.3	1.039	26.40	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	1,650	1,740
WARSAW	1002	507.5	1.091	27.72	0.345	8.76	1021	1519	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	1,848
DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1065	1584	34,600	153.8	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	1063	538.9	1.127	28.62	0.375	9.53	1090	1622	34,600	153.8	41,400	184.1	0.0835	0.0519	0.0866	0.0538	0.1032	0.0641	0.1381	0.0858	1,057	1,826	1,927
MAHAKAM	1075	544.9	1.142	29.00	0.415	10.54	1122	1669	42,300	188.3	49,200	219.0	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	28.62	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	1,936
MILAN	1120	567.7	1.146	29.10	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	1,985
ROME	1169	592.5	1.177	29.89	0.375	9.53	1193	1775	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	30.42	0.345	8.76	1245	1852	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	1334	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	2,089	2,206
MUMBAI	1353	685.4	1.251	31.77	0.375	9.53	1368	2036	34,600	153.8	43,300	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	31.77	0.345	8.76	1364	2030	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
DHAKA	1429	723.9	1.294	32.87	0.375	9.53	1436	2137	34,600	153.8	43,700	194.3	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,257	2,193	2,317
MUNICH	1447	733.2	1.293	32.85	0.375	9.53	1459	2171	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	2,212	2,337
WARWICK	1479	749.5	1.315	33.40	0.415	10.54	1507	2242	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	1509	2245	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	2,393
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	2601	42,300	188.3	53,500	237.9	0.0512	0.0318	0.0547	0.0340	0.0647	0.0402	0.0856	0.0532	1,416	2,489	2,632
ANTWERP	1865	944.9	1.451	36.85	0.385	9.78	1853	2757	36,400	162.1	48,400	215.3	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	42,300	188.3	55,100	244.9	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	36,400	162.1	49,300	219.1	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	42,300	188.3	60,200	267.6	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

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	610	308.8	0.882	22.40	0.345	8.76	645	960	35,100	156.1	39,000	173.4	0.1454	0.0903	0.1491	0.0926	0.1788	0.1111	0.2411	0.1498	753	1,280	1,348
ULS AMARILLO	785	397.6	0.990	25.15	0.375	9.53	823	1225	41,200	183.3	46,200	205.5	0.1130	0.0702	0.1168	0.0726	0.1400	0.0870	0.1887	0.1173	877	1,500	1,580
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	1036	525.1	1.134	28.80	0.415	10.54	1083	1612	50,600	225.1	57,200	254.5	0.0858	0.0533	0.0894	0.0556	0.1064	0.0661	0.1421	0.0883	1,043	1,804	1,903
ULS PLANO	1060	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	187.2	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	215.8	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 EI 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 BEAUMONT	1429	723.9	1.294	32.87	0.375	9.53	1433	2133	41,200	183.3	50,300	223.8	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,257	2,193	2,317
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	201.0	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 FALCON	2045	1036.3	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	0.0447	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 new 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-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	238.0	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	1,291	1,360
ULS VANCOUVER	756	383.2	0.984	25.00	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	25.14	0.375	9.53	842	1253	41,200	183.3	46,400	206.2	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	26.40	0.345	8.76	916	1363	35,100	156.1	40,800	181.6	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	26.40	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	27.72	0.345	8.76	1018	1514	35,100	156.1	41,500	184.6	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	1063	538.9	1.127	28.62	0.375	9.53	1086	1617	41,200	183.3	48,000	213.6	0.0835	0.0519	0.0866	0.0538	0.1032	0.0641	0.1381	0.0858	1,057	1,826	1,927
ULS HAMBURG	1078	546.4	1.127	28.62	0.345	8.76	1090	1622	35,100	156.1	42,000	186.8	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	29.00	0.415	10.54	1117	1663	50,600	225.1	57,500	255.8	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	29.10	0.345	8.76	1130	1681	35,100	156.1	42,300	188.0	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	29.89	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	2,043
ULS VIENNA	1242	629.2	1.198	30.42	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	2,007	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	31.77	0.375	9.53	1365	2031	41,200	183.3	49,900	221.9	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	31.77	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	32.85	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	2,212	2,337
ULS DHAKA	1429	723.9	1.294	32.87	0.375	9.53	1433	2133	41,200	183.3	50,300	223.8	0.0623	0.0387	0.0661	0.0411	0.0785	0.0488	0.1045	0.0649	1,257	2,193	2,317
ULS WARWICK	1479	749.5	1.315	33.40	0.415	10.54	1502	2236	50,600	225.1	60,100	267.3	0.0604	0.0375	0.0636	0.0395	0.0755	0.0469	0.1005	0.0624	1,287	2,248	2,375
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	61,800	274.7	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	36.85	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.
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
†ULS Conductors have a composite core that exhibits a higher tensile strength and modulus, used for long span crossing and heavy ice loads.

AZR US Customary Sizes

ACCC®-AZR	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
AZR OCEANSIDE	383	194.2	0.680	17.27	0.235	5.97	397	591	13,600	60.4	16,300	72.4	0.2434	0.1512	0.2490	0.1547	0.2976	0.1849	0.3997	0.2484	545	918	965
AZR LINNET	430	218.1	0.720	18.29	0.235	5.97	442	657	13,600	60.4	17,000	75.5	0.2167	0.1347	0.2219	0.1379	0.2651	0.1647	0.3559	0.2211	586	990	1,041
AZR ORIOLE	439	222.3	0.741	18.82	0.280	7.11	464	690	19,300	85.7	21,500	95.4	0.2126	0.1321	0.2176	0.1352	0.2600	0.1616	0.3491	0.2169	597	1,008	1,061
AZR IRVING	609	308.8	0.882	22.40	0.345	8.76	651	969	29,300	130.2	31,700	140.8	0.1530	0.0951	0.1570	0.0976	0.1875	0.1165	0.2515	0.1563	735	1,253	1,320
AZR HAWK	611	309.7	0.858	21.79	0.280	7.11	627	933	19,300	85.7	24,200	107.4	0.1526	0.0948	0.1568	0.0974	0.1872	0.1163	0.2510	0.1560	731	1,244	1,310
AZR DOVE	714	361.5	0.927	23.55	0.305	7.75	732	1090	22,900	101.7	28,500	126.6	0.1306	0.0812	0.1346	0.0836	0.1605	0.0997	0.2150	0.1336	805	1,377	1,451
AZR GROSBEAK	821	416.2	0.990	25.15	0.320	8.13	840	1250	25,200	112.0	32,000	142.3	0.1134	0.0705	0.1173	0.0729	0.1398	0.0869	0.1870	0.1162	878	1,506	1,588
AZR AMARILLO	785	397.6	0.990	25.14	0.375	9.53	829	1234	34,600	153.8	38,500	171.0	0.1187	0.0738	0.1224	0.0761	0.1460	0.0907	0.1956	0.1215	859	1,473	1,553
AZR LUBBOCK	904	458.0	1.040	26.42	0.345	8.76	928	1381	29,300	130.2	36,400	161.8	0.1031	0.0641	0.1069	0.0664	0.1273	0.0791	0.1701	0.1057	932	1,604	1,692
AZR DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1057	1573	34,600	153.8	42,300	187.9	0.0909	0.0565	0.0946	0.0588	0.1126	0.0700	0.1503	0.0934	1,007	1,740	1,836
AZR CURLEW	1033	523.4	1.140	28.96	0.415	10.54	1085	1614	42,300	188.3	48,100	214.2	0.0903	0.0561	0.0939	0.0583	0.1118	0.0695	0.1493	0.0928	1,018	1,762	1,860
AZR ARLINGTON (2/1)	1151	583.2	1.177	29.90	0.375	9.53	1176	1750	34,600	153.8	38,300	170.1	0.0792	0.0492	0.0831	0.0516	0.0990	0.0615	0.1324	0.0823	1,091	1,891	1,996
AZR BEAUMONT (2/1)	1429	723.9	1.294	32.87	0.375	9.53	1439	2142	34,600	153.8	41,300	183.5	0.0638	0.0396	0.0681	0.0423	0.0808	0.0502	0.1074	0.0667	1,239	2,163	2,285
AZR SAN ANTONIO (2/1)	1475	747.3	1.315	33.40	0.385	9.78	1488	2214	36,400	162.1	43,100	191.9	0.0618	0.0384	0.0647	0.0402	0.0765	0.0475	0.1014	0.0630	1,279	2,239	2,367
AZR BITTERN (2/1)	1582	801.4	1.345	34.16	0.345	8.76	1569	2335	29,300	130.2	39,000	173.3	0.0576	0.0358	0.0624	0.0388	0.0737	0.0458	0.0976	0.0606	1,310	2,300	2,431
AZR LAPWING (2/1)	1949	987.5	1.504	38.20	0.385	9.78	1943	2891	36,400	162.1	48,200	214.6	0.0470	0.0292	0.0523	0.0325	0.0614	0.0382	0.0806	0.0501	1,479	2,623	2,776
AZR FALCON (2/1)	2045	1036.2	1.545	39.24	0.415	10.54	2050	3050	42,300	188.3	53,400	237.7	0.0447	0.0278	0.0500	0.0311	0.0587	0.0365	0.0768	0.0477	1,523	2,706	2,865
AZR BLUEBIRD (2/1)	2741	1388.7	1.762	44.75	0.415	10.54	2710	4032	42,300	188.3	61,100	272.0	0.0334	0.0208	0.0400	0.0249	0.0462	0.0287	0.0593	0.0368	1,778	3,220	3,417
ACCC®-ULS-AZR	**ACCC ULS AZR US Customary Sizes†**																						
ULS AZR IRVING	609	308.8	0.882	22.40	0.345	8.76	648	964	35,100	156.1	36,000	160.2	0.1530	0.0951	0.1570	0.0976	0.1875	0.1165	0.2515	0.1563	735	1,253	1,320
ULS AZR AMARILLO	785	397.6	0.990	25.14	0.375	9.53	826	1229	41,200	183.3	43,400	193.1	0.1187	0.0738	0.1224	0.0761	0.1460	0.0907	0.1956	0.1215	859	1,473	1,553
ULS AZR LUBBOCK	904	458.0	1.040	26.42	0.345	8.76	925	1376	35,100	156.1	40,700	181.2	0.1031	0.0641	0.1069	0.0664	0.1273	0.0791	0.1701	0.1057	932	1,604	1,692
ULS AZR DRAKE	1026	519.7	1.108	28.14	0.375	9.53	1054	1569	41,200	183.3	47,200	210.0	0.0909	0.0565	0.0946	0.0588	0.1126	0.0700	0.1503	0.0934	1,007	1,740	1,836
ULS AZR CURLEW	1033	523.4	1.140	28.96	0.415	10.54	1080	1608	50,600	225.1	54,400	241.8	0.0903	0.0561	0.0939	0.0583	0.1118	0.0695	0.1493	0.0928	1,018	1,762	1,860
ULS AZR ARLINGTON (2/1)	1151	583.2	1.177	29.90	0.375	9.53	1172	1745	41,200	183.3	43,200	192.2	0.0792	0.0492	0.0831	0.0516	0.0990	0.0615	0.1324	0.0823	1,091	1,891	1,996
ULS AZR BEAUMONT (2/1)	1429	723.9	1.294	32.87	0.375	9.53	1436	2137	41,200	183.3	46,200	205.6	0.0638	0.0396	0.0681	0.0423	0.0808	0.0502	0.1074	0.0667	1,239	2,163	2,285
ULS AZR SAN ANTONIO (2/1)	1475	747.3	1.315	33.40	0.385	9.78	1484	2209	43,500	193.5	48,400	215.4	0.0618	0.0384	0.0647	0.0402	0.0765	0.0475	0.1014	0.0630	1,279	2,239	2,367
ULS AZR BITTERN (2/1)	1582	801.4	1.345	34.16	0.345	8.76	1566	2330	35,100	156.1	43,300	192.7	0.0576	0.0358	0.0624	0.0388	0.0737	0.0458	0.0976	0.0606	1,310	2,300	2,431
ULS AZR LAPWING (2/1)	1949	987.5	1.504	38.20	0.385	9.78	1939	2886	43,500	193.5	53,500	238.1	0.0470	0.0292	0.0523	0.0325	0.0614	0.0382	0.0806	0.0501	1,479	2,623	2,776
ULS AZR FALCON (2/1)	2045	1036.2	1.545	39.24	0.415	10.54	2045	3044	50,600	225.1	59,700	265.3	0.0447	0.0278	0.0500	0.0311	0.0587	0.0365	0.0768	0.0477	1,523	2,706	2,865
ULS AZR BLUEBIRD (2/1)	2741	1388.7	1.762	44.75	0.415	10.54	2705	4026	50,600	225.1	67,400	299.6	0.0334	0.0208	0.0400	0.0249	0.0462	0.0287	0.0593	0.0368	1,778	3,220	3,417

#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.
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.
Numbers after name designate the number of layers of each alloy: First number designates the number of layers with the lower tensile strenght alloy starting with the inner layer, second number designates the number of layers with the higher strength alloy on the outer layers.
Strength at ambien temperature. Based on 96% of the 1350-O minimum tensile strength (8.5 ksi/58.6 Mpa) and 90% of the AT3 minimum tensile sternght (22.5 ksi/155 Mpa) and 75% of the composite core mininum tensile strength (375 ksi/2586 Mpa).
†ULS Conductors have a composite core that exhibits a higher tensile strength and modulus, used for long span crossing and heavy ice loads.

AZR International Sizes

ACCC-AZR	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*
AZR SILVASSA	242	122.7	0.565	14.35	0.235	5.97	264	392	13,600	60.4	14,000	62.2	0.3863	0.2400	0.3943	0.2450	0.4715	0.2930	0.6337	0.3938	413	689	724
AZR HELSINKI	297	150.6	0.616	15.65	0.235	5.97	316	470	13,600	60.4	14,900	66.2	0.3151	0.1958	0.3217	0.1999	0.3847	0.2390	0.5170	0.3212	467	783	823
AZR ROVINJ	371	187.8	0.673	17.09	0.235	5.97	385	572	13,600	60.4	16,100	71.5	0.2521	0.1566	0.2576	0.1601	0.3080	0.1914	0.4138	0.2571	535	899	946
AZR JAIPUR	307	155.7	0.650	16.51	0.305	7.75	352	523	22,900	101.7	22,100	98.1	0.3067	0.1906	0.3131	0.1946	0.3744	0.2326	0.5032	0.3127	481	807	849
AZR ZADAR	350	177.4	0.673	17.09	0.280	7.11	380	565	19,300	85.7	20,100	89.2	0.2669	0.1658	0.2726	0.1694	0.3259	0.2025	0.4380	0.2722	520	874	919
AZR COPENHAGEN	434	219.9	0.720	18.29	0.235	5.97	444	661	13,600	60.4	17,100	76.0	0.2151	0.1337	0.2200	0.1367	0.2629	0.1634	0.3531	0.2194	589	994	1,046
AZR REYKJAVIK	440	223.1	0.741	18.82	0.280	7.11	466	693	19,300	85.7	21,500	95.4	0.2127	0.1322	0.2175	0.1351	0.2600	0.1616	0.3491	0.2169	597	1,008	1,061
AZR MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	538	799	42,300	188.3	38,900	173.2	0.2084	0.1295	0.2129	0.1323	0.2545	0.1581	0.3419	0.2124	619	1,050	1,106
AZR GLASGOW	467	236.7	0.769	19.53	0.305	7.75	500	744	22,900	101.7	24,600	109.2	0.2003	0.1245	0.2048	0.1273	0.2448	0.1521	0.3288	0.2043	621	1,051	1,106
AZR CASABLANCA	540	273.6	0.807	20.50	0.280	7.11	561	834	19,300	85.7	23,100	102.6	0.1736	0.1079	0.1777	0.1104	0.2124	0.1320	0.2851	0.1772	675	1,145	1,205
AZR OSLO	619	313.8	0.882	22.40	0.345	8.76	660	982	29,300	130.2	31,800	141.3	0.1511	0.0939	0.1548	0.0962	0.1849	0.1149	0.2482	0.1542	740	1,262	1,329
AZR LISBON	623	315.5	0.858	21.79	0.280	7.11	637	948	19,300	85.7	24,400	108.3	0.1501	0.0933	0.1539	0.0956	0.1838	0.1142	0.2467	0.1533	737	1,255	1,322
AZR AMSTERDAM	725	367.4	0.927	23.55	0.305	7.75	743	1105	22,900	101.7	28,700	127.5	0.1289	0.0801	0.1324	0.0823	0.1581	0.0982	0.2120	0.1317	811	1,386	1,460
AZR LEIPZIG	802	406.4	0.990	25.15	0.375	9.53	847	1260	34,600	153.8	38,700	171.9	0.1167	0.0725	0.1199	0.0745	0.1432	0.0890	0.1920	0.1193	867	1,486	1,567
AZR BRUSSELS	832	421.4	0.990	25.15	0.320	8.13	851	1266	25,200	112.0	32,100	142.7	0.1126	0.0700	0.1160	0.0721	0.1384	0.0860	0.1854	0.1152	882	1,513	1,595
AZR CALGARY	826	418.6	1.012	25.70	0.375	9.53	868	1292	34,600	153.8	39,100	173.7	0.1131	0.0703	0.1167	0.0725	0.1392	0.0865	0.1864	0.1158	885	1,519	1,602
AZR STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	939	1397	29,300	130.2	36,500	162.2	0.1023	0.0636	0.1055	0.0656	0.1258	0.0782	0.1686	0.1048	937	1,612	1,700
AZR WARSAW (2/1)	1002	507.5	1.091	27.71	0.345	8.76	1023	1522	29,300	130.2	32,600	144.9	0.0910	0.0565	0.0943	0.0586	0.1127	0.0700	0.1514	0.0941	1,003	1,726	1,821
AZR DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1066	1586	34,600	153.8	42,400	188.4	0.0904	0.0562	0.0935	0.0581	0.1114	0.0692	0.1491	0.0926	1,013	1,749	1,845
AZR TORONTO (1/1)	994	503.8	1.108	28.14	0.415	10.54	1047	1557	42,300	188.3	43,800	195.0	0.0922	0.0573	0.0957	0.0595	0.1142	0.0710	0.1532	0.0952	1,000	1,725	1,820
AZR MILAN (2/1)	1120	567.7	1.146	29.11	0.345	8.76	1135	1689	29,300	130.2	33,900	150.6	0.0813	0.0505	0.0846	0.0526	0.1010	0.0628	0.1355	0.0842	1,073	1,854	1,956
AZR BUDAPEST (2/1)	1319	668.3	1.240	31.50	0.375	9.53	1336	1988	34,600	153.8	40,000	177.7	0.0691	0.0429	0.0724	0.0450	0.0863	0.0536	0.1155	0.0718	1,185	2,058	2,173
AZR MUNICH (2/1)	1447	733.2	1.293	32.84	0.375	9.53	1461	2174	34,600	153.8	41,400	183.9	0.0632	0.0393	0.0666	0.0414	0.0793	0.0493	0.1059	0.0658	1,250	2,178	2,300
AZR WARWICK (2/1)	1479	749.5	1.315	33.40	0.415	10.54	1510	2246	42,300	188.3	47,400	211.0	0.0617	0.0383	0.0650	0.0404	0.0774	0.0481	0.1034	0.0642	1,271	2,216	2,341
AZR PARIS (2/1)	1606	813.7	1.345	34.16	0.345	8.76	1598	2378	29,300	130.2	39,100	173.8	0.0569	0.0354	0.0606	0.0377	0.0719	0.0447	0.0958	0.0595	1,327	2,321	2,453
AZR ANTWERP (2/1)	1865	944.9	1.451	36.86	0.385	9.78	1855	2761	36,400	162.1	47,100	209.7	0.0488	0.0303	0.0527	0.0327	0.0623	0.0387	0.0825	0.0513	1,454	2,562	2,709
AZR BERLIN (2/1)	1986	1006.5	1.504	38.20	0.415	10.54	1984	2952	42,300	188.3	52,600	234.2	0.0458	0.0285	0.0497	0.0309	0.0587	0.0365	0.0777	0.0483	1,512	2,672	2,826
AZR ATHENS (3/1)	2782	1409.7	1.762	44.75	0.415	10.54	2735	4069	42,300	188.3	58,800	261.7	0.0326	0.0203	0.0376	0.0234	0.0438	0.0272	0.0569	0.0354	1,826	3,287	3,486

ACCC-ULS-AZR	International ULS AZR Sizes																							
ULS AZR MONTE CARLO	451	228.5	0.818	20.78	0.415	10.54	533	793	50,600	225.1	45,200	200.8	0.2084	0.1295	0.2129	0.1323	0.2545	0.1581	0.3419	0.2124	619	1,050	1,106
ULS AZR OSLO	619	313.8	0.882	22.40	0.345	8.76	657	977	35,100	156.1	36,100	160.7	0.1511	0.0939	0.1548	0.0962	0.1849	0.1149	0.2482	0.1542	740	1,262	1,329
ULS AZR LEIPZIG	802	406.4	0.990	25.15	0.375	9.53	843	1256	41,200	183.3	43,600	194.0	0.1167	0.0725	0.1199	0.0745	0.1432	0.0890	0.1920	0.1193	867	1,486	1,567
ULS AZR CALGARY	826	418.6	1.012	25.70	0.375	9.53	865	1287	41,200	183.3	44,000	195.8	0.1131	0.0703	0.1167	0.0725	0.1392	0.0865	0.1864	0.1158	885	1,519	1,602
ULS AZR STOCKHOLM 2L	914	463.3	1.039	26.39	0.345	8.76	936	1392	35,100	156.1	40,800	181.6	0.1023	0.0636	0.1055	0.0656	0.1258	0.0782	0.1686	0.1048	937	1,612	1,700
ULS AZR WARSAW (2/1)	1002	507.5	1.091	27.71	0.345	8.76	1020	1517	35,100	156.1	36,900	164.3	0.0910	0.0565	0.0943	0.0586	0.1127	0.0700	0.1514	0.0941	1,003	1,726	1,821
ULS AZR DUBLIN	1035	524.5	1.108	28.14	0.375	9.53	1063	1582	41,200	183.3	47,300	210.5	0.0904	0.0562	0.0935	0.0581	0.1114	0.0692	0.1491	0.0926	1,013	1,749	1,845
ULS AZR TORONTO (1/1)	994	503.8	1.108	28.14	0.415	10.54	1043	1552	50,600	225.1	50,100	222.6	0.0922	0.0573	0.0957	0.0595	0.1142	0.0710	0.1532	0.0952	1,000	1,725	1,820
ULS AZR MILAN (2/1)	1120	567.7	1.146	29.11	0.345	8.76	1132	1684	35,100	156.1	38,200	170.0	0.0813	0.0505	0.0846	0.0526	0.1010	0.0628	0.1355	0.0842	1,073	1,854	1,956
ULS AZR BUDAPEST (2/1)	1319	668.3	1.240	31.50	0.375	9.53	1333	1984	41,200	183.3	44,900	199.8	0.0691	0.0429	0.0724	0.0450	0.0863	0.0536	0.1155	0.0718	1,185	2,058	2,173
ULS AZR MUNICH (2/1)	1447	733.2	1.293	32.84	0.375	9.53	1458	2170	41,200	183.3	46,300	206.0	0.0632	0.0393	0.0666	0.0414	0.0793	0.0493	0.1059	0.0658	1,250	2,178	2,300
ULS AZR WARWICK (2/1)	1479	749.5	1.315	33.40	0.415	10.54	1505	2240	50,600	225.1	53,700	238.6	0.0617	0.0383	0.0650	0.0404	0.0774	0.0481	0.1034	0.0642	1,271	2,216	2,341
ULS AZR PARIS (2/1)	1606	813.7	1.345	34.16	0.345	8.76	1596	2373	35,100	156.1	43,400	193.2	0.0569	0.0354	0.0606	0.0377	0.0719	0.0447	0.0958	0.0595	1,327	2,321	2,453
ULS AZR ANTWERP (2/1)	1865	944.9	1.451	36.86	0.385	9.78	1852	2756	43,500	193.5	52,400	233.2	0.0488	0.0303	0.0527	0.0327	0.0623	0.0387	0.0825	0.0513	1,454	2,562	2,709
ULS AZR BERLIN (2/1)	1986	1006.5	1.504	38.20	0.415	10.54	1980	2946	50,600	225.1	58,900	261.8	0.0458	0.0285	0.0497	0.0309	0.0587	0.0365	0.0777	0.0483	1,512	2,672	2,826
ULS AZR ATHENS (3/1)	2782	1409.7	1.762	44.75	0.415	10.54	2730	4063	50,600	225.1	65,100	289.3	0.0326	0.0203	0.0376	0.0234	0.0438	0.0272	0.0569	0.0354	1,826	3,287	3,486

#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.
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

Numbers after name designate the number of layers of each alloy: First number designates the number of layers with the lower tensile strenght alloy starting with the inner layer, second number designates the number of layers with the higher strength alloy on the outer layers.

Strength at ambien temperature. Based on 96% of the 1350-O minimum tensile strength (8.5 ksi/58.6 Mpa) and 90% of the AT3 minimum tensile sternath (22.5 ksi/155 Mpa) and 75% of the composite core mininum tensile strength (375 ksi/2586 Mpa).

†ULS Conductors have a composite core that exhibits a higher tensile strength and modulus, used for long span crossing and heavy ice loads.