ACCC® AZR US 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	0.2483	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	0.2212	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	0.0998	0.2150	0.1336	805	1,376	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	0.0699	0.1503	0.0934	1,007	1,741	1,837
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	0.0694	0.1493	0.0927	1,019	1,763	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	1,890	1,995
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	0.0668	1,239	2,163	2,286
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	0.0476	0.1014	0.0630	1,278	2,239	2,366
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	2,298	2,430
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	2,622	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	0.0364	0.0768	0.0477	1,524	2,708	2,867
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	0.0369	1,777	3,218	3,415
ACCC®-ULS-AZR	**ACCC® ULS AZR US 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	0.0699	0.1503	0.0934	1,007	1,741	1,837
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	0.0694	0.1493	0.0927	1,019	1,763	1,860
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	0.0699	0.1503	0.0934	1,007	1,741	1,837
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	1,890	1,995
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	0.0668	1,239	2,163	2,286
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	0.0476	0.1014	0.0630	1,278	2,239	2,366
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	2,298	2,430
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	2,622	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	0.0364	0.0768	0.0477	1,524	2,708	2,867
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	0.0369	1,777	3,218	3,415

#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
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.

ACCC® INTERNATIONAL AZR 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	0.2327	0.5032	0.3127	481	807	848
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	0.2721	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	993	1,045
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	0.1615	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	0.1582	0.3419	0.2125	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	1,206
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	0.1543	740	1,261	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	1,254	1,321
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	1,461
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	1,487	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	0.1175	0.0730	0.1397	0.0868	0.1863	0.1158	883	1,520	1,603
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	0.1047	937	1,611	1,699
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	1,820
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	0.0927	1,013	1,748	1,844
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	0.0958	0.0595	0.1142	0.0710	0.1528	0.0950	1,000	1,726	1,821
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	1,853	1,955
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	2,217	2,342
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	1,326	2,320	2,451
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	2,560	2,708
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	2,670	2,825
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	3,285	3,483
ACCC®-ULS-AZR	ACCC® INTERNATIONALULS 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	0.1582	0.3419	0.2125	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	0.1543	740	1,261	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	1,487	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	0.1175	0.0730	0.1397	0.0868	0.1863	0.1158	883	1,520	1,603
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	0.1047	937	1,611	1,699
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	1,820
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	0.0927	1,013	1,748	1,844
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	0.0958	0.0595	0.1142	0.0710	0.1528	0.0950	1,000	1,726	1,821
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	2,217	2,342
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	1,326	2,320	2,451
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	2,560	2,708
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	2,670	2,825
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	3,285	3,483

#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
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 sterngth (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.