ACCC® AZR™ CONDUCTOR: INTERNATIONAL SIZES (US Units)

ACCC® Conductor (3)	Available as ULS™	Size	Diameter	ACCC Core Diameter	Approximate Weight (1)			Cond. Rated Strength (4)		Resistance			Ampacity (2)			Geometric Mean Radius	Inductive Reactance @ 50 Hz.	Capactive Reactance @ 50Hz.	Commonly Replaces
					Total	Aluminum	Core	w/ ACCC® Core	w/ACCC® ULS™ Core	DC @ 20°C	AC @ 25°C	AC @ 200°C	75°C	180°C	200°C				
Size Designation		(kcmil)	(in.)	(in.)	(lb/kft)	(lb/kft)	(lb/kft)	(klbf)	(klbf)	(ohm/mile)	(ohm/mile)	(ohm/mile)	(amps)	(amps)	(amps)	(ft)	ohms/mile	Mohm-mile	Size
AZR™ SILVASSA	--	242.2	0.565	0.235	264	228.5	35	14.0	--	0.3863	0.3943	0.6646	413	689	724	0.0196	0.3976	0.1334	
AZR™ HELSINKI	--	297.2	0.616	0.235	316	280.7	35	14.9	--	0.3151	0.3217	0.5422	467	783	823	0.0211	0.3902	0.1304	
AZR™ ROVINJ	--	370.6	0.673	0.235	385	349.4	35	16.1	--	0.2521	0.2576	0.4339	535	899	946	0.0229	0.3819	0.1272	
AZR™ JAIPUR	--	307.3	0.650	0.305	352	292.3	59	22.1	--	0.3067	0.3131	0.5277	481	807	848	0.0229	0.3819	0.1285	ACSR COYOTE
AZR™ ZADAR	--	350.1	0.673	0.280	380	330.0	50	20.1	--	0.2669	0.2726	0.4593	520	874	919	0.0233	0.3801	0.1272	
AZR™ COPENHAGEN	--	434.0	0.720	0.235	444	408.7	35	17.1	--	0.2151	0.2200	0.3703	589	993	1,045	0.0244	0.3755	0.1248	ACSR LINNET
AZR™ REYKJAVIK	--	440.3	0.741	0.280	466	415.8	50	21.5	--	0.2127	0.2175	0.3661	597	1,008	1,061	0.0254	0.3714	0.1238	ACSR ORIOLE
AZR™ MONTE CARLO	✓	451.0	0.818	0.415	538	427.6	110	38.9	45.2	0.2084	0.2129	0.3586	619	1,050	1,106	0.0291	0.3577	0.1203	LONG SPAN CROSSINGS
AZR™ GLASGOW	--	467.1	0.769	0.305	500	440.8	59	24.6	--	0.2003	0.2048	0.3448	621	1,051	1,106	0.0265	0.3671	0.1225	ACSR LYNX
AZR™ CASABLANCA	--	540.0	0.807	0.280	561	510.5	50	23.1	--	0.1736	0.1777	0.2990	675	1,145	1,206	0.0274	0.3637	0.1208	ACSR PANTHER
AZR™ OSLO	✓	619.3	0.882	0.345	660	584.3	76	31.8	36.1	0.1511	0.1548	0.2603	740	1,261	1,329	0.0303	0.3536	0.1176	ACSR HEN
AZR™ LISBON	--	622.7	0.858	0.280	637	587.0	50	24.4	--	0.1501	0.1539	0.2587	737	1,254	1,321	0.0290	0.3580	0.1186	ACSR HAWK
AZR™ AMSTERDAM	--	725.1	0.927	0.305	743	683.5	59	28.7	--	0.1289	0.1324	0.2223	811	1,386	1,461	0.0314	0.3500	0.1158	ACSR DOVE
AZR™ LEIPZIG	✓	802.1	0.990	0.375	847	757.6	89	38.7	43.6	0.1167	0.1199	0.2013	867	1,487	1,567	0.0339	0.3422	0.1135	ACSR GROSBEAK
AZR™ BRUSSELS	--	831.7	0.990	0.320	851	785.5	65	32.1	--	0.1126	0.1160	0.1943	882	1,513	1,595	0.0335	0.3434	0.1135	ACSR GROSBEAK
AZR™ CALGARY	✓	826.1	1.012	0.375	871	781.3	89	39.1	44.0	0.1131	0.1167	0.1954	885	1,519	1,602	0.0346	0.3402	0.1127	ACSR DRAKE
AZR™ STOCKHOLM 2L	✓	914.3	1.039	0.345	939	862.7	76	36.5	40.8	0.1023	0.1055	0.1767	937	1,611	1,699	0.0352	0.3384	0.1118	
AZR™ WARSAW (2/1)	✓	1001.6	1.091	0.345	1023	946.9	76	32.6	36.9	0.0910	0.0943	0.1588	1,003	1,726	1,820	0.0368	0.3339	0.1100	ACSR CONDOR
AZR™ DUBLIN	✓	1035.1	1.108	0.375	1066	976.7	89	42.4	47.3	0.0904	0.0935	0.1563	1,013	1,748	1,844	0.0376	0.3317	0.1095	ACSR DRAKE
AZR™ TORONTO (1/1)	✓	994.2	1.108	0.415	1049	938.5	110	43.8	50.1	0.0922	0.0957	0.1606	1,000	1,724	1,819	0.0379	0.3309	0.1095	ACSR DRAKE
AZR™ MILAN (2/1)	✓	1120.4	1.146	0.345	1135	1059.2	76	33.9	38.2	0.0813	0.0846	0.1421	1,073	1,853	1,955	0.0385	0.3294	0.1083	AAAC 500
AZR™ BUDAPEST (2/1)	✓	1318.9	1.240	0.375	1336	1246.9	89	40.0	44.9	0.0691	0.0724	0.1211	1,185	2,058	2,173	0.0417	0.3213	0.1055	AAAC Rubus
AZR™ MUNICH (2/1)	✓	1447.0	1.293	0.375	1461	1372.0	89	41.4	46.3	0.0632	0.0666	0.1110	1,250	2,178	2,300	0.0434	0.3172	0.1040	ACSR Finch
AZR™ WARWICK (2/1)	✓	1479.2	1.315	0.415	1510	1399.8	110	47.4	53.7	0.0617	0.0650	0.1083	1,271	2,217	2,342	0.0444	0.3149	0.1034	AAAC Sorbus
AZR™ PARIS (2/1)	✓	1605.9	1.345	0.345	1598	1522.6	76	39.1	43.4	0.0569	0.0606	0.1003	1,326	2,320	2,451	0.0448	0.3140	0.1026	ACSR Bittern
AZR™ ANTWERP (2/1)	✓	1864.8	1.451	0.385	1855	1761.3	94	47.1	52.4	0.0488	0.0527	0.0864	1,454	2,560	2,708	0.0484	0.3062	0.0999	ACSR 617/AAAC 620
AZR™ BERLIN (2/1)	✓	1986.4	1.504	0.415	1984	1874.3	110	52.6	58.9	0.0458	0.0497	0.0813	1,512	2,670	2,825	0.0503	0.3023	0.0986	ACSR LAPWING
AZR™ ATHENS (3/1)	✓	2782.1	1.762	0.415	2735	2625.0	110	58.8	65.1	0.0326	0.0376	0.0594	1,826	3,285	3,483	0.0585	0.2870	0.0930	ACSR BLUEBIRD

(1) ACCC® ULS™ Core has a slightly lower weight than ACCC® Core, and thus the total weight of the ULS Conductor will be a less. See individual data sheets for nominal weight.

(2) Ampacity values based on IEEE 738-2006: 50 Hz, zero elevation, 90˚ sun altitude, 25˚C ambient temperature, 0.5 Solar Absorptivity, 0.5 Emissivity, 2 ft/sec (0.61 m/sec) wind and 96 Watt/ft² (1033 W/m²), at corresponding surface temperatures.

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

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