

**ACCC® AZR™ CONDUCTOR: INTERNATIONAL SIZES (metric 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.	Capacitive 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		(mm²)	(mm)	(mm)	(kg/km)	(kg/km)	(kg/km)	(kN)	(kN)	(ohm/km)	(ohm/km)	(ohm/km)	(amps)	(amps)	(amps)	(mm)	ohms/km	Mohm-km	Size
AZR™ SILVASSA	--	122.7	14.35	5.97	392.4	340.0	52.4	62.2	--	0.2400	0.2450	0.4130	413	689	724	5.97	0.247	0.215	
AZR™ HELSINKI	--	150.6	15.65	5.97	470.1	417.7	52.4	66.2	--	0.1958	0.1999	0.3369	467	783	823	6.43	0.242	0.210	
AZR™ ROVINJ	--	187.8	17.09	5.97	572.3	519.9	52.4	71.5	--	0.1566	0.1601	0.2696	535	899	946	6.98	0.237	0.205	
AZR™ JAIPUR	--	155.7	16.51	7.75	523.2	434.9	88.3	98.1	--	0.1906	0.1946	0.3279	481	807	848	6.98	0.237	0.207	ACSR COYOTE
AZR™ ZADAR	--	177.4	17.09	7.11	565.2	491.0	74.2	89.2	--	0.1658	0.1694	0.2854	520	874	919	7.10	0.236	0.205	
AZR™ COPENHAGEN	--	219.9	18.29	5.97	660.5	608.1	52.4	76.0	--	0.1337	0.1367	0.2301	589	993	1,045	7.44	0.233	0.201	ACSR LINNET
AZR™ REYKJAVIK	--	223.1	18.82	7.11	692.9	618.7	74.2	95.4	--	0.1322	0.1351	0.2275	597	1,008	1,061	7.74	0.231	0.199	ACSR ORIOLE
AZR™ MONTE CARLO	✓	228.5	20.78	10.54	799.2	636.2	163.0	173.2	200.8	0.1295	0.1323	0.2228	619	1,050	1,106	8.87	0.222	0.194	LONG SPAN CROSSINGS
AZR™ GLASGOW	--	236.7	19.53	7.75	744.2	655.9	88.3	109.2	--	0.1245	0.1273	0.2142	621	1,051	1,106	8.08	0.228	0.197	ACSR LYNX
AZR™ CASABLANCA	--	273.6	20.50	7.11	833.8	759.6	74.2	102.6	--	0.1079	0.1104	0.1858	675	1,145	1,206	8.35	0.226	0.194	ACSR PANTHER
AZR™ OSLO	✓	313.8	22.40	8.76	982.4	869.4	113.0	141.3	160.7	0.0939	0.0962	0.1617	740	1,261	1,329	9.24	0.220	0.189	ACSR HEN
AZR™ LISBON	--	315.5	21.79	7.11	947.6	873.4	74.2	108.3	--	0.0933	0.0956	0.1607	737	1,254	1,321	8.84	0.222	0.191	ACSR HAWK
AZR™ AMSTERDAM	--	367.4	23.55	7.75	1105.3	1017.0	88.3	127.5	--	0.0801	0.0823	0.1381	811	1,386	1,461	9.57	0.217	0.186	ACSR DOVE
AZR™ LEIPZIG	✓	406.4	25.15	9.53	1260.2	1127.2	133.0	171.9	194.0	0.0725	0.0745	0.1251	867	1,487	1,567	10.33	0.213	0.183	ACSR GROSBEAK
AZR™ BRUSSELS	--	421.4	25.15	8.13	1265.9	1168.8	97.1	142.7	--	0.0700	0.0721	0.1207	882	1,513	1,595	10.21	0.213	0.183	ACSR GROSBEAK
AZR™ CALGARY	✓	418.6	25.70	9.53	1295.5	1162.5	133.0	173.7	195.8	0.0703	0.0725	0.1214	885	1,519	1,602	10.55	0.211	0.181	ACSR DRAKE
AZR™ STOCKHOLM 2L	✓	463.3	26.39	8.76	1396.6	1283.6	113.0	162.2	181.6	0.0636	0.0656	0.1098	937	1,611	1,699	10.73	0.210	0.180	
AZR™ WARSAW (2/1)	✓	507.5	27.71	8.76	1521.9	1408.9	113.0	144.9	164.3	0.0565	0.0586	0.0987	1,003	1,726	1,820	11.22	0.207	0.177	ACSR CONDOR
AZR™ DUBLIN	✓	524.5	28.14	9.53	1586.2	1453.2	133.0	188.4	210.5	0.0562	0.0581	0.0971	1,013	1,748	1,844	11.46	0.206	0.176	ACSR DRAKE
AZR™ TORONTO (1/1)	✓	503.8	28.14	10.54	1559.4	1396.4	163.0	195.0	222.6	0.0573	0.0595	0.0998	1,000	1,724	1,819	11.55	0.206	0.176	ACSR DRAKE
AZR™ MILAN (2/1)	✓	567.7	29.11	8.76	1689.0	1576.0	113.0	150.6	170.0	0.0505	0.0526	0.0883	1,073	1,853	1,955	11.73	0.205	0.174	AAAC 500
AZR™ BUDAPEST (2/1)	✓	668.3	31.50	9.53	1988.3	1855.3	133.0	177.7	199.8	0.0429	0.0450	0.0752	1,185	2,058	2,173	12.71	0.200	0.170	AAAC Rubus
AZR™ MUNICH (2/1)	✓	733.2	32.84	9.53	2174.4	2041.4	133.0	183.9	206.0	0.0393	0.0414	0.0690	1,250	2,178	2,300	13.23	0.197	0.167	ACSR Finch
AZR™ WARWICK (2/1)	✓	749.5	33.40	10.54	2245.8	2082.8	163.0	211.0	238.6	0.0383	0.0404	0.0673	1,271	2,217	2,342	13.53	0.196	0.166	AAAC Sorbus
AZR™ PARIS (2/1)	✓	813.7	34.16	8.76	2378.5	2265.5	113.0	173.8	193.2	0.0354	0.0377	0.0623	1,326	2,320	2,451	13.66	0.195	0.165	ACSR Bittern
AZR™ ANTWERP (2/1)	✓	944.9	36.86	9.78	2760.7	2620.7	140.0	209.7	233.2	0.0303	0.0327	0.0537	1,454	2,560	2,708	14.75	0.190	0.161	ACSR 617/AAAC 620
AZR™ BERLIN (2/1)	✓	1006.5	38.20	10.54	2951.8	2788.8	163.0	234.2	261.8	0.0285	0.0309	0.0505	1,512	2,670	2,825	15.33	0.188	0.159	ACSR LAPWING
AZR™ ATHENS (3/1)	✓	1409.7	44.75	10.54	4068.8	3905.8	163.0	261.7	289.3	0.0203	0.0234	0.0369	1,826	3,285	3,483	17.83	0.178	0.150	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 W/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.