

ACCC® CONDUCTOR: INTERNATIONAL SIZES (metric units)

ACCC® Conductor	Available as ULS™	Size	Diameter	ACCC Core Diameter	Approximate Weight (1)			Cond. Rated Strength		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
SILVASSA	--	122.7	14.35	5.97	392.3	339.9	52.4	67.3	--	0.2286	0.2335	0.3945	423	705	741	5.97	0.247	0.215	
HELSINKI	--	150.6	15.65	5.97	469.4	417.0	52.4	68.9	--	0.1862	0.1902	0.3214	479	802	843	6.43	0.242	0.210	
JAIPUR	--	155.7	16.50	7.75	522.3	434.0	88.3	110.5	--	0.1801	0.1839	0.3109	494	828	871	6.95	0.238	0.207	ACSR Coyote
ZADAR	--	177.4	17.10	7.11	564.2	490.0	74.2	95.7	--	0.1576	0.1611	0.2720	533	895	942	7.10	0.236	0.205	
ROVINJ	--	189.3	17.10	5.97	574.8	522.4	52.4	71.0	--	0.1487	0.1520	0.2566	548	922	970	6.98	0.237	0.205	
COPENHAGEN	--	219.9	18.29	5.97	659.4	607.0	52.4	72.8	--	0.1272	0.1301	0.2197	603	1,017	1,070	7.44	0.233	0.201	ACSR Linnet
REYKJAVIK	--	223.1	18.82	7.11	691.9	617.7	74.2	98.2	--	0.1256	0.1285	0.2169	612	1,032	1,086	7.74	0.231	0.199	ACSR Oriole
GDANSK	--	248.8	19.20	5.97	741.1	688.7	52.4	74.4	--	0.1126	0.1153	0.1945	649	1,097	1,154	7.77	0.231	0.198	AFL-6 285 (Poland)
MONTE CARLO	✓	228.5	20.78	10.54	797.8	634.8	163.0	201.2	238.0	0.1230	0.1257	0.2123	634	1,076	1,133	8.87	0.222	0.194	Long Span Crossings
GLASGOW	--	236.7	19.53	7.75	743.1	654.8	88.3	115.0	--	0.1184	0.1211	0.2044	636	1,076	1,132	8.08	0.228	0.197	ACSR Lynx
CASABLANCA	--	273.6	20.50	7.11	832.2	758.0	74.2	101.1	--	0.1024	0.1049	0.1768	692	1,174	1,236	8.35	0.226	0.194	ACSR Panther
OSLO	✓	313.8	22.40	8.76	980.7	867.7	113.0	147.9	173.8	0.0893	0.0915	0.1543	758	1,291	1,360	9.24	0.220	0.189	ACSR Hen
LISBON	--	315.5	21.79	7.11	946.1	871.9	74.2	103.4	--	0.0887	0.0910	0.1532	755	1,285	1,353	8.84	0.222	0.191	ACSR Hawk
AMSTERDAM	--	367.4	23.55	7.75	1103.6	1015.3	88.3	122.4	--	0.0762	0.0784	0.1317	831	1,419	1,496	9.57	0.217	0.186	ACSR Dove
VANCOUVER	✓	383.2	25.00	10.54	1222.0	1059.0	163.0	209.7	246.5	0.0730	0.0750	0.1261	863	1,478	1,558	10.39	0.212	0.183	Long Span Crossings
CORDOBA	--	399.4	24.41	7.75	1190.8	1102.5	88.3	124.2	--	0.0700	0.0724	0.1214	873	1,495	1,576	9.88	0.215	0.184	
LEIPZIG	✓	406.4	25.14	9.53	1258.1	1125.1	133.0	176.7	206.2	0.0690	0.0710	0.1193	888	1,522	1,605	10.33	0.213	0.183	ACSR Grosbeak
BRUSSELS	--	421.4	25.15	8.13	1263.8	1166.7	97.1	135.7	--	0.0666	0.0687	0.1152	904	1,549	1,633	10.21	0.213	0.183	ACSR Grosbeak
STOCKHOLM 3L	✓	453.7	26.40	8.76	1367.8	1254.8	113.0	155.7	181.6	0.0617	0.0637	0.1068	950	1,633	1,723	10.73	0.210	0.180	
STOCKHOLM 2L	✓	463.3	26.40	8.76	1394.6	1281.6	113.0	156.3	182.2	0.0605	0.0625	0.1047	960	1,650	1,740	10.73	0.210	0.180	
WARSAW	✓	507.5	27.72	8.76	1519.3	1406.3	113.0	158.8	184.7	0.0553	0.0573	0.0958	1,015	1,751	1,848	11.22	0.207	0.177	ACSR Conдор
DUBLIN	✓	524.5	28.14	9.53	1584.2	1451.2	133.0	183.3	212.8	0.0534	0.0553	0.0925	1,037	1,791	1,889	11.46	0.206	0.176	ACSR Drake
KOLKATA	✓	538.9	28.62	9.53	1621.7	1488.7	133.0	184.1	213.6	0.0519	0.0538	0.0896	1,058	1,829	1,930	11.64	0.205	0.175	ACSR Zebra
MAHAKAM	✓	544.9	29.00	10.54	1669.0	1506.0	163.0	218.9	255.7	0.0514	0.0536	0.0893	1,063	1,840	1,942	11.89	0.204	0.174	Long Span Crossings
HAMBURG	✓	546.4	28.62	8.76	1626.8	1513.8	113.0	160.9	186.8	0.0514	0.0534	0.0891	1,061	1,834	1,936	11.55	0.206	0.175	ACSR Zebra
MILAN	✓	567.7	29.10	8.76	1685.6	1572.6	113.0	162.1	188.0	0.0494	0.0514	0.0857	1,086	1,880	1,984	11.73	0.205	0.174	AAAC 500
ROME	✓	592.5	29.89	9.53	1774.9	1641.9	133.0	187.1	216.6	0.0474	0.0494	0.0822	1,117	1,936	2,044	12.10	0.203	0.173	ACSR Deer
VIENNA	✓	629.2	30.42	8.76	1852.2	1739.2	113.0	165.6	191.5	0.0445	0.0466	0.0773	1,156	2,007	2,120	12.25	0.202	0.172	ACSR Cardinal
BUDAPEST	✓	668.3	31.50	9.53	1984.5	1851.5	133.0	191.4	220.9	0.0420	0.0440	0.0730	1,200	2,089	2,206	12.71	0.200	0.170	AAAC Rubus
MUMBAI	✓	685.4	31.77	9.53	2035.6	1902.6	133.0	192.4	221.9	0.0410	0.0431	0.0713	1,217	2,119	2,239	12.83	0.199	0.169	ACSR Moose
PRAGUE	✓	690.7	31.77	8.76	2030.2	1917.2	113.0	169.1	195.0	0.0407	0.0428	0.0708	1,220	2,126	2,246	12.74	0.199	0.169	ACSR Moose
DHAKA	✓	723.9	32.87	9.53	2137.2	2004.2	133.0	194.5	224.0	0.0387	0.0411	0.0680	1,257	2,194	2,318	13.23	0.197	0.167	ACSR Finch
MUNICH	✓	733.2	32.85	9.53	2170.9	2037.9	133.0	195.0	224.5	0.0384	0.0405	0.0669	1,266	2,212	2,337	13.23	0.197	0.167	ACSR Finch
WARWICK	✓	749.5	33.40	10.54	2241.6	2078.6	163.0	230.5	267.3	0.0375	0.0395	0.0654	1,287	2,248	2,375	13.53	0.196	0.166	AAAC Sorbus
LONDON	✓	759.0	33.40	9.78	2244.9	2104.9	140.0	204.8	236.2	0.0370	0.0391	0.0644	1,295	2,265	2,393	13.44	0.196	0.166	AAAC Sorbus
PARIS	✓	813.7	34.16	8.76	2365.8	2252.8	113.0	176.0	201.9	0.0345	0.0368	0.0603	1,344	2,358	2,493	13.66	0.195	0.165	ACSR Bittern
BORDEAUX	✓	880.9	35.76	10.54	2601.0	2438.0	163.0	237.9	274.7	0.0318	0.0340	0.0557	1,416	2,490	2,633	14.42	0.192	0.162	ACSR Falcon/TW
ANTWERP	✓	944.9	36.85	9.78	2756.5	2616.5	140.0	215.3	246.7	0.0297	0.0321	0.0521	1,471	2,599	2,749	14.75	0.190	0.161	ACSR 617/AAAC 620
BERLIN	✓	1006.5	38.20	10.54	2947.9	2784.9	163.0	244.9	281.7	0.0278	0.0303	0.0488	1,532	2,714	2,873	15.33	0.188	0.159	ACSR Lapwing
MADRID	✓	1013.1	38.20	9.78	2944.3	2804.3	140.0	219.1	250.5	0.0276	0.0302	0.0485	1,535	2,722	2,882	15.27	0.188	0.159	ACSR Lapwing
ATHENS	✓	1409.7	44.75	10.54	4064.4	3901.4	163.0	267.6	304.4	0.0199	0.0231	0.0357	1,844	3,336	3,540	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 Watt/ft² (1033 W/m²), at corresponding surface temperatures.