

ACCC® CONDUCTOR: US CUSTOMARY SIZES (US 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 @ 60 Hz.	Capacitive Reactance @ 60Hz.	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/ft)	(lb/ft)	(lb/ft)	(klbf)	(klbf)	(ohm/mile)	(ohm/mile)	(ohm/mile)	(amps)	(amps)	(amps)	(ft)	ohms/mile	Mohm-mile	Size
OCEANSIDE	--	383.2	0.680	0.235	395.2	360.0	35.2	16.0	--	0.2319	0.2374	0.4009	558	938	987	0.0231	0.4572	0.1057	ACSR Ostrich
LINNET	--	430.5	0.720	0.235	439.3	404.1	35.2	16.3	--	0.2055	0.2103	0.3552	602	1,014	1,067	0.0244	0.4506	0.1040	ACSR Linnet
ORIOLE	--	438.6	0.741	0.280	462.0	412.0	50.0	22.1	--	0.2019	0.2065	0.3486	612	1,033	1,087	0.0254	0.4457	0.1032	ACSR Oriole
WACO	--	454.0	0.770	0.305	485.9	426.6	59.3	25.8	--	0.1951	0.1996	0.3393	628	1,060	1,115	0.0265	0.4405	0.1020	ACSR Lynx
LAREDO	--	529.8	0.807	0.280	547.4	497.4	50.0	22.6	--	0.1671	0.1712	0.2905	687	1,162	1,223	0.0274	0.4365	0.1006	ACSR Panther
IRVING	✓	609.5	0.882	0.345	648.3	572.5	75.8	33.2	39.0	0.1454	0.1491	0.2530	753	1,280	1,348	0.0303	0.4243	0.0980	ACSR Hen
HAWK	--	611.3	0.858	0.280	623.8	573.8	50.0	23.2	--	0.1448	0.1485	0.2448	753	1,289	1,358	0.0290	0.4296	0.0988	ACSR Hawk
DOVE	--	713.5	0.927	0.305	729.0	669.7	59.3	27.4	--	0.1240	0.1274	0.2149	826	1,410	1,486	0.0314	0.4200	0.0965	ACSR Dove
AMARILLO	✓	784.7	0.990	0.375	826.3	737.1	89.2	39.6	46.2	0.1132	0.1168	0.1963	879	1,506	1,587	0.0339	0.4107	0.0946	ACSR Drake
GROSBEEK	--	821.4	0.990	0.320	836.1	770.9	65.2	30.4	--	0.1081	0.1114	0.1884	898	1,537	1,620	0.0335	0.4121	0.0946	ACSR Grosbeak
LUBBOCK	✓	903.9	1.040	0.345	923.8	848.0	75.8	35.0	40.8	0.0979	0.1011	0.1707	956	1,640	1,729	0.0352	0.4061	0.0931	
GALVESTON	✓	1011.3	1.090	0.345	1024.8	949.0	75.8	35.7	41.5	0.0875	0.0907	0.1527	1,022	1,760	1,856	0.0368	0.4007	0.0917	ACSR Condor
DRAKE	✓	1025.6	1.108	0.375	1052.0	962.8	89.2	41.1	47.7	0.0863	0.0892	0.1498	1,036	1,786	1,884	0.0376	0.3981	0.0912	ACSR Drake
CURLEW	✓	1033.0	1.140	0.415	1088.1	978.1	110.0	48.9	57.2	0.0862	0.0898	0.1498	1,042	1,801	1,901	0.0389	0.3940	0.0904	ACSR Curlew
PLANO	✓	1059.5	1.127	0.345	1072.8	997.0	75.8	36.0	41.8	0.0840	0.0876	0.1468	1,050	1,813	1,913	0.0379	0.3971	0.0907	ACSR Zebra
CORPUS CHRISTI	✓	1103.0	1.146	0.345	1112.8	1037.0	75.8	36.3	42.1	0.0806	0.0843	0.1411	1,076	1,859	1,962	0.0385	0.3952	0.0902	AAAC 500
ARLINGTON	✓	1151.0	1.177	0.375	1173.2	1084.0	89.2	41.9	48.5	0.0773	0.0809	0.1352	1,106	1,915	2,022	0.0397	0.3915	0.0894	ACSR Deer
CARDINAL	✓	1221.8	1.198	0.345	1224.8	1149.0	75.8	37.1	42.9	0.0728	0.0762	0.1266	1,146	1,990	2,101	0.0402	0.3900	0.0889	ACSR Cardinal
FORT WORTH	✓	1300.4	1.240	0.375	1312.2	1223.0	89.2	42.9	49.5	0.0684	0.0721	0.1200	1,189	2,067	2,183	0.0417	0.3855	0.0879	AAAC Rubus
EL PASO	✓	1349.9	1.252	0.345	1344.8	1269.0	75.8	37.9	43.7	0.0659	0.0698	0.1157	1,212	2,111	2,230	0.0419	0.3850	0.0876	ACSR Moose
BEAUMONT	✓	1428.6	1.294	0.375	1436.2	1347.0	89.2	43.7	50.3	0.0623	0.0661	0.1094	1,257	2,194	2,318	0.0434	0.3807	0.0866	ACSR Finch
SAN ANTONIO	✓	1474.9	1.315	0.385	1484.1	1390.0	94.1	45.8	52.9	0.0603	0.0623	0.1024	1,302	2,279	2,408	0.0441	0.3787	0.0861	AAAC Sorbus
BITTERN	✓	1581.6	1.345	0.345	1565.8	1490.0	75.8	39.4	45.2	0.0566	0.0603	0.0992	1,331	2,332	2,465	0.0448	0.3768	0.0855	ACSR Bittern
DALLAS	✓	1794.9	1.452	0.385	1793.1	1699.0	94.1	47.9	55.0	0.0497	0.0546	0.0877	1,434	2,540	2,688	0.0485	0.3672	0.0832	
HOUSTON	✓	1927.4	1.506	0.415	1934.0	1824.0	110.0	54.6	62.9	0.0459	0.0510	0.0809	1,502	2,675	2,833	0.0504	0.3625	0.0821	ACSR Lapwing
LAPWING	✓	1948.9	1.504	0.385	1938.1	1844.0	94.1	48.8	55.9	0.0458	0.0507	0.0815	1,502	2,665	2,821	0.0501	0.3633	0.0822	ACSR Lapwing
FALCON	✓	2045.1	1.545	0.415	2045.0	1935.0	110.0	55.4	63.7	0.0436	0.0479	0.0773	1,555	2,761	2,923	0.0516	0.3597	0.0814	ACSR Falcon
BLUEBIRD	✓	2740.6	1.762	0.415	2703.0	2593.0	110.0	59.8	68.1	0.0326	0.0387	0.0597	1,808	3,274	3,474	0.0585	0.3445	0.0775	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: 60 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.