C7® Advanced Conductor - ZTACCR/TW/C7-TS

Thermally-Resistant Aluminum Conductor, Composite Supported Al-Zr Alloy with Composite Core (C7)



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Core:** Multi-stranded carbon fiber composite core with a thermoset polymer matrix and protective capping layer
2. **Stranding:** Aluminum-Zirconium (Al-Zr) trapezoidal shaped strands with 60% conductivity

APPLICATIONS AND FEATURES:

- Southwire's ZTACCR/C7® overhead conductor is engineered for demanding transmission environments, offering superior performance in both new construction and reconductoring projects. In new line design, its advanced sag and tension behavior allows utilities to reduce overall construction costs by using fewer or shorter structures without sacrificing reliability. ZTACCR/C7 enables utilities to increase capacity, while reducing sag and maintaining existing design tensions, making upgrades feasible without structural modification. Because its Aluminum-Zirconium (Al-Zr) alloy outer strands provide greater strength and a higher elastic modulus, ZTACCR/C7 is well suited for regions prone to heavy wind and ice loading, where additional mechanical capacity is required to ensure reliable performance under severe weather conditions.

- ZTACCR/C7 combines Al-Zr heat resistant aluminum strands with Southwire's multi strand carbon fiber composite core, creating a conductor that delivers excellent thermal stability, enhanced mechanical capability, and high overall reliability. The Al-Zr outer strands contribute additional strength and stiffness, helping the conductor better withstand high mechanical loads from wind and ice, reducing sag under harsh environmental conditions, and improving long term resilience. The carbon fiber core, encased in a durable polymer coating, provides unprecedented sag/tension performance. With availability in Trapezoidal Wire (TW) constructions, ZTACCR/C7 gives utilities the flexibility to optimize performance, capacity, and environmental demands.

Download additional information here: C7® Portfolio

SPECIFICATIONS:

- ASTM B984 Standard Specification for Heat Resistant Aluminum-Zirconium Alloy Wire for Electrical Purposes
- ASTM B987 Standard Specification for Carbon Fiber Thermoset Polymer Matrix Composite Core (CFC) for use in Overhead Electrical Conductors
- Made in America: Compliant with both Buy American and Buy America Act (BAA) requirements per 49 U.S.C. § 5323(j) and the Federal Transit Administration Buy America requirements per 49 C.F.R. part 661

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

Table 1 – Dimensions and Weight

Stock Number	Code Word	Cond Size	Type	Cross-Sectional Area		Layers of Al-Zr	Stranding		Diameter		Weight			RBS
				Al-Zr	Total		Al-Zr	C7 Strands	C7 Core	Overall	Al-Zr	C7 Core	Total	
		kcmil	num	in^2	in^2	num	num	num x in	in	in	lb/1000ft	lb/1000ft	lb/1000ft	lb
TBA	Fundy/TW	203.2	43	0.1596	0.2280	1	8	7 x 0.1115	0.3346	0.585	194.2	46.4	240.6	21,600
TBA	Shenandoah/TW	266.8	21	0.2095	0.2533	1	8	7 x 0.0892	0.2677	0.608	255.0	29.6	284.6	18,000
TBA	Olympic/TW	325.0	17	0.2553	0.2990	2	20	7 x 0.0892	0.2677	0.671	309.2	29.6	338.8	19,200
TBA	Wrangell/TW	336.4	17	0.2642	0.3080	2	20	7 x 0.0892	0.2677	0.681	320.1	29.6	349.7	19,200
TBA	Badlands/TW	336.4	22	0.2642	0.3218	2	20	7 x 0.1024	0.3071	0.685	320.1	40.3	360.4	23,400
TBA	Andes/TW	397.5	14	0.3122	0.3560	2	18	7 x 0.0892	0.2677	0.710	378.1	29.6	407.7	20,300
TBA	Joshua Tree/TW	397.5	16	0.3122	0.3627	2	18	7 x 0.0958	0.2874	0.718	373.5	34.9	408.4	22,300
TBA	Sequoia/TW	397.5	22	0.3122	0.3806	2	18	7 x 0.1115	0.3346	0.738	378.1	46.4	424.5	27,800
TBA	Rogers/TW	477.0	13	0.3746	0.4251	2	18	7 x 0.0958	0.2874	0.778	447.7	34.9	482.6	23,600
TBA	Yosemite/TW	477.0	15	0.3746	0.4322	2	18	7 x 0.1024	0.3071	0.787	453.7	40.3	494.0	25,700
TBA	Capitol Reef/TW	477.0	23	0.3746	0.4601	2	20	7 x 0.1247	0.3740	0.820	450.4	57.8	508.2	34,200
TBA	Pinnacles/TW	556.5	10	0.4371	0.4809	2	16	7 x 0.0892	0.2677	0.823	522.1	29.6	551.7	22,700
TBA	White Sands/TW	556.5	13	0.4371	0.4947	2	18	7 x 0.1024	0.3071	0.832	522.4	40.3	562.7	27,100
TBA	Indiana Dunes/TW	556.5	16	0.4371	0.5055	2	20	7 x 0.1115	0.3346	0.847	522.9	46.4	569.3	30,400
TBA	New River Gorge/TW	556.5	23	0.4371	0.5395	2	20	7 x 0.1365	0.4094	0.888	525.4	69.9	595.3	40,800
TBA	Tortugas/TW	636.0	10	0.4995	0.5500	2	20	7 x 0.0958	0.2874	0.880	596.7	34.9	631.6	26,300
TBA	Yellowstone/TW	636.0	12	0.4995	0.5571	2	16	7 x 0.1024	0.3071	0.887	605.4	40.3	645.7	28,200
TBA	Glacier/TW	636.0	15	0.4995	0.5762	2	20	7 x 0.1181	0.3543	0.905	605.2	52.4	657.6	34,300
TBA	Carlsbad/TW	636.0	22	0.4995	0.6100	2	20	7 x 0.1417	0.4252	0.937	605.2	75.3	680.5	41,300
TBA	Congaree/TW	641.7	11	0.5040	0.5616	2	16	7 x 0.1024	0.3071	0.890	610.8	40.3	651.1	28,300
TBA	Vinson/TW	714.0	10	0.5608	0.6184	2	16	7 x 0.1024	0.3071	0.933	669.9	40.3	710.2	29,500
TBA	Kilimanjaro/TW	795.0	7	0.6244	0.6682	2	20	7 x 0.0892	0.2677	0.962	745.1	29.6	774.7	26,700
TBA	Alps/TW	795.0	9	0.6244	0.6820	2	20	7 x 0.1024	0.3071	0.974	756.5	40.3	796.8	30,900
TBA	Wind Cave/TW	795.0	12	0.6244	0.7011	2	20	7 x 0.1181	0.3543	0.990	756.5	52.4	808.9	36,700
TBA	Denali/TW	795.0	16	0.6244	0.7268	2	20	7 x 0.1365	0.4094	1.010	747.0	69.9	816.9	44,500
TBA	Rocky/TW	795.0	22	0.6244	0.7607	2	24	7 x 0.1575	0.4724	1.044	756.3	92.7	849.0	51,200
TBA	Gateway Arch/TW	900.0	7	0.7069	0.7573	3	32	7 x 0.0958	0.2874	1.031	847.7	34.9	882.6	30,500
TBA	Rainier/TW	900.0	13	0.7069	0.7997	2	20	7 x 0.1299	0.3898	1.056	844.8	63.8	908.6	43,400
TBA	Mauna Kea/TW	900.0	21	0.7069	0.8548	2	20	7 x 0.1640	0.4921	1.100	856.4	98.8	955.2	55,900
TBA	Crater Lake/TW	954.0	7	0.7493	0.7997	3	34	7 x 0.0958	0.2874	1.058	898.6	34.9	933.5	31,400
TBA	Grand Canyon/TW	954.0	10	0.7493	0.8260	3	34	7 x 0.1181	0.3543	1.072	899.4	52.4	951.8	39,400
TBA	Fuji/TW	954.0	12	0.7493	0.8421	2	20	7 x 0.1299	0.3898	1.077	907.8	63.8	971.6	44,300
TBA	Jasper/TW	954.0	16	0.7493	0.8680	2	22	7 x 0.1470	0.4409	1.104	896.4	81.3	977.7	48,700
TBA	Arches/TW	954.0	20	0.7493	0.8972	2	20	7 x 0.1640	0.4921	1.126	907.8	98.8	1006.6	56,800
TBA	Everglades/TW	973.1	14	0.7643	0.8747	2	20	7 x 0.1417	0.4252	1.108	925.9	75.3	1001.2	46,800
TBA	Big Bend/TW	1033.5	5	0.8117	0.8555	3	34	7 x 0.0892	0.2677	1.093	972.5	29.6	1002.1	30,700
TBA	Lassen/TW	1033.5	7	0.8117	0.8693	3	34	7 x 0.1024	0.3071	1.103	973.4	40.3	1013.7	34,900
TBA	Tahoe/TW	1033.5	11	0.8117	0.8972	3	34	7 x 0.1247	0.3740	1.118	980.9	57.8	1038.7	43,400
TBA	Samoa/TW	1033.5	13	0.8117	0.9141	2	22	7 x 0.1365	0.4094	1.130	970.1	69.9	1040.0	48,600
TBA	Ocala/TW	1033.5	16	0.8117	0.9391	2	20	7 x 0.1522	0.4567	1.150	971.1	86.7	1057.8	52,500
TBA	Cook/TW	1113.0	5	0.8741	0.9179	3	30	7 x 0.0892	0.2677	1.125	1047.3	29.6	1076.9	31,600

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

Stock Number	Code Word	Cond Size	Type	Cross-Sectional Area		Layers of Al-Zr	Stranding		Diameter		Weight			RBS
				Al-Zr	Total		Al-Zr	C7 Strands	C7 Core	Overall	Al-Zr	C7 Core	Total	
		kcmil	num	in^2	in^2	num	num	num x in	in	in	lb/1000ft	lb/1000ft	lb/1000ft	lb
TBA	Blanc/TW	1113.0	7	0.8741	0.9318	3	34	7 x 0.1024	0.3071	1.139	1048.3	40.3	1088.6	36,200
TBA	Niagara/TW	1113.0	10	0.8741	0.9596	3	34	7 x 0.1247	0.3740	1.155	1049.3	57.8	1107.1	44,700
TBA	Gannett/TW	1113.0	13	0.8741	0.9846	3	38	7 x 0.1417	0.4252	1.181	1050.9	75.3	1126.2	49,100
TBA	Washington/TW	1192.5	5	0.9366	0.9804	3	34	7 x 0.0892	0.2677	1.166	1122.1	29.6	1151.7	32,900
TBA	Elbert/TW	1192.5	7	0.9366	1.0050	3	34	7 x 0.1115	0.3346	1.184	1123.2	46.4	1169.6	40,400
TBA	Kings Canyon/TW	1192.5	10	0.9366	1.0294	3	34	7 x 0.1299	0.3898	1.203	1124.3	63.8	1188.1	47,900
TBA	Acadia/TW	1192.5	13	0.9366	1.0554	3	38	7 x 0.1470	0.4409	1.223	1125.9	81.3	1207.2	52,800
TBA	Redwood/TW	1233.6	7	0.9689	1.0373	3	36	7 x 0.1115	0.3346	1.207	1161.9	46.4	1208.3	41,100
TBA	Mesa Verde/TW	1233.6	10	0.9689	1.0617	3	38	7 x 0.1299	0.3898	1.221	1163.0	63.8	1226.8	49,000
TBA	Biscayne/TW	1233.6	13	0.9689	1.0963	3	36	7 x 0.1522	0.4567	1.245	1164.7	86.7	1251.4	55,400
TBA	Saguaro/TW	1272.0	5	0.9990	1.0495	3	38	7 x 0.0958	0.2874	1.211	1196.9	34.9	1231.8	36,700
TBA	Sierra Nevada/TW	1272.0	7	0.9990	1.0674	3	38	7 x 0.1115	0.3346	1.224	1198.1	46.4	1244.5	42,200
TBA	Eldorado/TW	1272.0	10	0.9990	1.1014	3	38	7 x 0.1365	0.4094	1.244	1199.3	69.9	1269.2	52,600
TBA	Voyageurs/TW	1272.0	13	0.9990	1.1264	3	39	7 x 0.1522	0.4567	1.259	1201.0	86.7	1287.7	56,500
TBA	Cascades/TW	1351.5	7	1.0615	1.1382	3	38	7 x 0.1181	0.3543	1.264	1273.0	52.4	1325.4	45,600
TBA	Banff/TW	1351.5	10	1.0615	1.1639	3	42	7 x 0.1365	0.4094	1.278	1274.2	69.9	1344.1	53,900
TBA	Elbrus/TW	1351.5	13	1.0615	1.1978	3	42	7 x 0.1575	0.4724	1.299	1276.1	92.7	1368.8	60,300
TBA	Kings Peak/TW	1431.0	7	1.1239	1.2006	3	36	7 x 0.1181	0.3543	1.292	1347.8	52.4	1400.2	46,900
TBA	Wheeler/TW	1431.0	10	1.1239	1.2343	3	36	7 x 0.1417	0.4252	1.309	1349.2	75.3	1424.5	53,900
TBA	Granite/TW	1431.0	13	1.1239	1.2718	3	36	7 x 0.1640	0.4921	1.341	1351.1	98.8	1449.9	64,300
TBA	Borah/TW	1510.5	7	1.1863	1.2718	3	36	7 x 0.1247	0.3740	1.330	1422.7	57.8	1480.5	50,900
TBA	Boundary/TW	1510.5	10	1.1863	1.3051	3	36	7 x 0.1470	0.4409	1.347	1424.1	81.3	1505.4	57,600
TBA	Whitney/TW	1510.5	12	1.1863	1.3343	3	36	7 x 0.1640	0.4921	1.374	1434.2	98.8	1533.0	65,600
TBA	Bryce Canyon/TW	1590.0	7	1.2488	1.3342	3	36	7 x 0.1247	0.3740	1.357	1497.6	57.8	1555.4	52,200
TBA	Adirondack/TW	1590.0	10	1.2488	1.3762	3	38	7 x 0.1522	0.4567	1.386	1499.1	86.7	1585.8	61,200
TBA	Zion/TW	1590.0	12	1.2488	1.3967	3	42	7 x 0.1640	0.4921	1.405	1509.4	98.8	1608.2	66,900
TBA	Teton/TW	1780.0	5	1.3980	1.4747	3	38	7 x 0.1181	0.3543	1.422	1674.9	52.4	1727.3	52,600
TBA	Everest/TW	1780.0	8	1.3980	1.5084	3	38	7 x 0.1417	0.4252	1.441	1674.1	75.3	1749.4	59,700
TBA	Katmai/TW	1780.0	10	1.3980	1.5344	3	36	7 x 0.1575	0.4724	1.460	1678.2	92.7	1770.9	66,800
TBA	Great Basin/TW	1949.0	7	1.5307	1.6332	3	36	7 x 0.1365	0.4094	1.500	1835.7	69.9	1905.6	63,200

All dimensions are nominal and subject to normal manufacturing tolerances.
The final design of a TW conductor is contingent upon several factors such as: layer diameter, wire width, and wire thickness. This may result in a slight variation in the number of wires, number of layers, and outside diameter from that shown in the table.

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

Table 2 – Electrical

Stock Number	Code Word	Conductor Size	DC Resistance	AC Resistance @ 60Hz			GMR	Reactance @ 1ft Spacing 60Hz		Ampacity†	
			@ 20°C	@ 25°C	@ 180°C	@ 200°C		Inductive X_a	Capacitive X'_a	@ 180°C	@ 200°C
		kcmil	Ω/mile	Ω/mile	Ω/mile	Ω/mile	ft	Ω/mile	MΩ-mile	amp	amp
TBA	Fundy/TW	203.2	0.4666	0.4761	0.7650	0.8023	0.0205	0.4719	0.1102	634	666
TBA	Shenandoah/TW	266.8	0.3555	0.3630	0.5831	0.6115	0.0204	0.4724	0.1090	734	772
TBA	Olympic/TW	325.0	0.2906	0.2969	0.4768	0.5000	0.0231	0.4572	0.1061	837	880
TBA	Wrangell/TW	336.4	0.2808	0.2869	0.4607	0.4831	0.0234	0.4558	0.1057	855	899
TBA	Badlands/TW	336.4	0.2807	0.2868	0.4606	0.4830	0.0239	0.4530	0.1055	857	901
TBA	Andes/TW	397.5	0.2375	0.2429	0.3899	0.4088	0.0238	0.4537	0.1044	941	990
TBA	Joshua Tree/TW	397.5	0.2346	0.2399	0.3851	0.4038	0.0243	0.4513	0.1041	950	1000
TBA	Sequoia/TW	397.5	0.2375	0.2427	0.3897	0.4086	0.0254	0.4457	0.1033	953	1003
TBA	Rogers/TW	477.0	0.1953	0.2001	0.3208	0.3364	0.0260	0.4429	0.1017	1067	1123
TBA	Yosemite/TW	477.0	0.1979	0.2026	0.3250	0.3408	0.0265	0.4406	0.1014	1064	1120
TBA	Capitol Reef/TW	477.0	0.1965	0.2010	0.3225	0.3382	0.0287	0.4308	0.1002	1082	1139
TBA	Pinnacles/TW	556.5	0.1674	0.1718	0.2751	0.2885	0.0274	0.4366	0.1000	1172	1235
TBA	White Sands/TW	556.5	0.1674	0.1717	0.2751	0.2885	0.0278	0.4348	0.0997	1176	1239
TBA	Indiana Dunes/TW	556.5	0.1676	0.1718	0.2753	0.2887	0.0291	0.4293	0.0992	1182	1245
TBA	New River Gorge/ TW	556.5	0.1684	0.1724	0.2765	0.2900	0.0311	0.4210	0.0978	1197	1261
TBA	Tortugas/TW	636.0	0.1464	0.1506	0.2409	0.2526	0.0295	0.4276	0.0981	1279	1348
TBA	Yellowstone/TW	636.0	0.1486	0.1527	0.2443	0.2562	0.0297	0.4268	0.0978	1273	1342
TBA	Glacier/TW	636.0	0.1485	0.1525	0.2441	0.2560	0.0310	0.4214	0.0972	1282	1351
TBA	Carlsbad/TW	636.0	0.1485	0.1523	0.2440	0.2558	0.0328	0.4147	0.0962	1296	1366
TBA	Congaree/TW	641.7	0.1472	0.1513	0.2422	0.2539	0.0298	0.4264	0.0977	1280	1349
TBA	Vinson/TW	714.0	0.1304	0.1344	0.2148	0.2251	0.0311	0.4213	0.0963	1380	1454
TBA	Kilimanjaro/TW	795.0	0.1170	0.1211	0.1930	0.2023	0.0316	0.4191	0.0954	1469	1549
TBA	Alps/TW	795.0	0.1188	0.1227	0.1958	0.2053	0.0325	0.4158	0.0950	1464	1544
TBA	Wind Cave/TW	795.0	0.1188	0.1226	0.1957	0.2051	0.0335	0.4119	0.0946	1472	1552
TBA	Denali/TW	795.0	0.1173	0.1209	0.1931	0.2024	0.0348	0.4075	0.0940	1492	1573
TBA	Rocky/TW	795.0	0.1188	0.1221	0.1954	0.2048	0.0367	0.4010	0.0930	1498	1580
TBA	Gateway Arch/TW	900.0	0.1039	0.1079	0.1716	0.1799	0.0337	0.4113	0.0934	1593	1680
TBA	Rainier/TW	900.0	0.1035	0.1071	0.1707	0.1790	0.0359	0.4036	0.0927	1609	1697
TBA	Mauna Kea/TW	900.0	0.1049	0.1082	0.1728	0.1811	0.0384	0.3955	0.0914	1620	1709
TBA	Crater Lake/TW	954.0	0.0980	0.1021	0.1621	0.1698	0.0343	0.4091	0.0926	1652	1743
TBA	Grand Canyon/TW	954.0	0.0981	0.1019	0.1620	0.1698	0.0356	0.4047	0.0922	1659	1750
TBA	Fuji/TW	954.0	0.0990	0.1026	0.1634	0.1712	0.0365	0.4015	0.0921	1655	1746
TBA	Jasper/TW	954.0	0.0978	0.1012	0.1612	0.1690	0.0376	0.3983	0.0913	1679	1771
TBA	Arches/TW	954.0	0.0990	0.1022	0.1631	0.1710	0.0393	0.3928	0.0907	1679	1772
TBA	Everglades/TW	973.1	0.0971	0.1005	0.1601	0.1678	0.0379	0.3971	0.0912	1686	1779
TBA	Big Bend/TW	1033.5	0.0904	0.0946	0.1497	0.1569	0.0351	0.4064	0.0916	1736	1832
TBA	Lassen/TW	1033.5	0.0905	0.0945	0.1498	0.1569	0.0359	0.4037	0.0914	1741	1837
TBA	Tahoe/TW	1033.5	0.0912	0.0949	0.1507	0.1579	0.0372	0.3995	0.0910	1743	1840
TBA	Samoa/TW	1033.5	0.0902	0.0937	0.1490	0.1561	0.0378	0.3973	0.0906	1759	1857
TBA	Ocala/TW	1033.5	0.0902	0.0936	0.1490	0.1561	0.0395	0.3921	0.0901	1769	1867

Copyright © 2026 Southwire Company, LLC. All Rights Reserved

Stock Number	Code Word	Conductor Size	DC Resistance	AC Resistance @ 60Hz			GMR	Reactance @ 1ft Spacing 60Hz		Ampacity†	
			@ 20°C	@ 25°C	@ 180°C	@ 200°C		Inductive X_a	Capacitive X'_a	@ 180°C	@ 200°C
		kcmil	Ω/mile	Ω/mile	Ω/mile	Ω/mile	ft	Ω/mile	MΩ-mile	amp	amp
TBA	Cook/TW	1113.0	0.0839	0.0882	0.1393	0.1459	0.0355	0.4051	0.0908	1817	1918
TBA	Blanc/TW	1113.0	0.0840	0.0881	0.1393	0.1460	0.0370	0.4002	0.0904	1824	1925
TBA	Niagara/TW	1113.0	0.0841	0.0879	0.1392	0.1459	0.0383	0.3960	0.0900	1833	1934
TBA	Gannett/TW	1113.0	0.0842	0.0878	0.1393	0.1460	0.0400	0.3907	0.0893	1845	1948
TBA	Washington/TW	1192.5	0.0783	0.0828	0.1303	0.1365	0.0372	0.3994	0.0897	1900	2006
TBA	Elbert/TW	1192.5	0.0784	0.0825	0.1302	0.1364	0.0386	0.3949	0.0893	1910	2017
TBA	Kings Canyon/TW	1192.5	0.0785	0.0823	0.1301	0.1363	0.0398	0.3910	0.0888	1920	2027
TBA	Acadia/TW	1192.5	0.0786	0.0822	0.1302	0.1364	0.0414	0.3865	0.0883	1930	2038
TBA	Redwood/TW	1233.6	0.0758	0.0800	0.1260	0.1320	0.0399	0.3910	0.0887	1954	2063
TBA	Mesa Verde/TW	1233.6	0.0759	0.0798	0.1259	0.1319	0.0407	0.3886	0.0883	1961	2071
TBA	Biscayne/TW	1233.6	0.0760	0.0796	0.1259	0.1319	0.0424	0.3834	0.0878	1974	2084
TBA	Saguaro/TW	1272.0	0.0734	0.0779	0.1223	0.1281	0.0390	0.3938	0.0886	1985	2096
TBA	Sierra Nevada/TW	1272.0	0.0735	0.0777	0.1223	0.1281	0.0400	0.3906	0.0883	1992	2103
TBA	Eldorado/TW	1272.0	0.0736	0.0774	0.1222	0.1280	0.0416	0.3859	0.0878	2003	2115
TBA	Voyageurs/TW	1272.0	0.0737	0.0773	0.1222	0.1280	0.0429	0.3820	0.0874	2011	2123
TBA	Cascades/TW	1351.5	0.0692	0.0734	0.1153	0.1207	0.0414	0.3863	0.0873	2073	2189
TBA	Banff/TW	1351.5	0.0693	0.0732	0.1152	0.1207	0.0429	0.3820	0.0870	2081	2198
TBA	Elbrus/TW	1351.5	0.0694	0.0730	0.1152	0.1206	0.0443	0.3781	0.0865	2092	2210
TBA	Kings Peak/TW	1431.0	0.0653	0.0697	0.1091	0.1142	0.0426	0.3828	0.0867	2145	2267
TBA	Wheeler/TW	1431.0	0.0654	0.0694	0.1090	0.1141	0.0440	0.3790	0.0863	2156	2278
TBA	Granite/TW	1431.0	0.0655	0.0692	0.1089	0.1141	0.0457	0.3744	0.0856	2173	2296
TBA	Borah/TW	1510.5	0.0619	0.0663	0.1035	0.1084	0.0440	0.3790	0.0858	2223	2349
TBA	Boundary/TW	1510.5	0.0620	0.0660	0.1034	0.1083	0.0453	0.3754	0.0854	2233	2360
TBA	Whitney/TW	1510.5	0.0624	0.0662	0.1039	0.1089	0.0467	0.3718	0.0848	2242	2369
TBA	Bryce Canyon/TW	1590.0	0.0588	0.0634	0.0986	0.1032	0.0437	0.3799	0.0852	2293	2423
TBA	Adirondack/TW	1590.0	0.0589	0.0630	0.0984	0.1030	0.0463	0.3727	0.0846	2311	2443
TBA	Zion/TW	1590.0	0.0593	0.0632	0.0989	0.1036	0.0477	0.3692	0.0842	2314	2447
TBA	Teton/TW	1780.0	0.0525	0.0575	0.0886	0.0927	0.0460	0.3737	0.0838	2455	2597
TBA	Everest/TW	1780.0	0.0525	0.0571	0.0883	0.0924	0.0475	0.3697	0.0834	2470	2612
TBA	Katmai/TW	1780.0	0.0526	0.0569	0.0883	0.0924	0.0490	0.3659	0.0830	2480	2623
TBA	Great Basin/TW	1949.0	0.0480	0.0530	0.0813	0.0850	0.0495	0.3648	0.0822	2607	2759

Resistance and ampacity based on an aluminum conductivity of 63% IACS at 20°C.
† Ampacity based on 25°C ambient temperature, 2 ft/s perpendicular wind, 0.5 emissivity, 0.5 absorptivity, 60 Hz, clear atmosphere, sea level, 30° N. latitude, N-S line azimuth, noon on June 10th.

Copyright © 2026 Southwire Company, LLC. All Rights Reserved