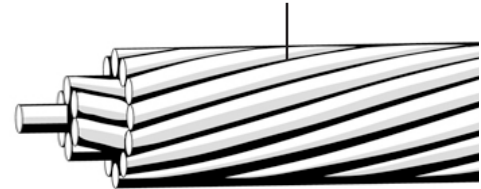


AAAC Bare Aluminum

Aluminum Conductor



ALL ALUMINUM ALLOY CONDUCTOR

**Concentric Lay
Aluminum 6201 Alloy Conductor**

Code Name	Size	Stranding	AWG/ KCMIL	Individual Wire Diameter (in.)	Complete Cable Diameter (in.)	Weight (lb/kft.)	Rated Strength (lb/ft)	Resistance OHMS/1000 ft. DC @ 20°	Resistance OHMS/1000 ft. AC @ 75°	Allowable Ampacity (Amps)*
Akron	30.58	7	6	0.0661	0.198	28.5	1110	0.659	0.785	107
Alton	48.69	7	4	0.0834	0.250	45.4	1760	0.414	0.493	143
Ames	77.47	7	2	0.1052	0.316	72.2	2800	0.260	0.310	191
Azusa	123.3	7	1/0	0.1327	0.398	115.0	4460	0.163	0.195	256
Anaheim	155.4	7	2/0	0.1490	0.447	144.9	5390	0.130	0.154	296
Amherst	195.7	7	3/0	0.1672	0.502	182.5	6790	0.103	0.123	342
Alliance	246.9	7	4/0	0.1878	0.563	230.2	8560	0.0816	0.0973	395
Butte	312.8	19	266.8	0.1283	0.642	291.7	11000	0.0644	0.0769	460
Canton	394.5	19	336.4	0.1441	0.720	367.9	13300	0.0511	0.0610	532
Cairo	465.4	19	397.5	0.1565	0.783	434.0	15600	0.0433	0.0518	590
Darien	559.5	19	477	0.1716	0.858	521.7	18800	0.0360	0.0431	663
Elgin	652.4	19	556.5	0.1853	0.927	608.4	21900	0.0309	0.0371	729
Flint	740.8	37	636	0.1415	0.990	690.8	24400	0.0272	0.0327	790
Greeley	927.2	37	795	0.1583	1.108	864.6	30500	0.2170	0.0263	908

* Ampacities shown are for general use as specified by the National Electrical Code, Article 310.15

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of Houston Wire & Cable Company is indicative only and shall not be binding on Houston Wire & Cable Company or be treated as constituting a representation on the part of Houston Wire & Cable Company. All data subject to change without notice.

APPLICATION:

This wire is suitable for use in spans on wood poles, transmission towers, and other structures where AAC conductors do not provide the required strength and ACSR conductors are not required or suitable. Applications range from extra high voltage (EHV) transmission lines to sub-service spans at distribution or utilization voltages on private premises.

CONSTRUCTION:

Bare aluminum alloy conductors made of 6201 Aluminum alloy are wrapped helically around a central wire.

ADDITIONAL STANDARDS:

- ASTM B-398: Aluminum Alloy 6201-T81 aluminum alloy conductors
- ASTM B-399: Concentric Lay stranded 6201-T81 Aluminum alloy conductors