



# POWER KABEL INC.

## AAAC - All Aluminum Alloy (6201) Conductor

### APPLICATIONS & FEATURES

Used as bare overhead conductor for primary and secondary distribution. Design utilizes a high-strength aluminum alloy to achieve a high strength to weight ratio. Affords better sag characteristics. Aluminum alloy gives AAAC (6201) higher resistance to corrosion than ACSR.

### INDUSTRY COMPLIANCES

ASTM B-398 Aluminum Alloy 6201-T81 wire for electrical purposes  
ASTM B-399 Concentric-lay-stranded 6201-T81 Aluminum Alloy conductors

### CONSTRUCTION

Aluminum Alloy 6201 wires, concentrically stranded.

CODE WORD	AWG	STRANDING	DIAMETER (INCHES)		POUNDS PER 1000 FT	RATED STRENGTH (LBS)
			INDIVIDUAL WIRES	COMPLETE CABLE		
Akron	30.58	7	.0661	.1980	28.5	1110
Alton	48.69	7	.0834	.2500	45.4	1760
Ames	77.47	7	.1052	.3160	72.2	2800
Azusa	123.3	7	.1327	.3980	115.0	4460
Anaheim	155.4	7	.1490	.4470	144.9	5390
Amherst	195.7	7	.1672	.5020	182.5	6790
Alliance	246.9	7	.1878	.5630	230.2	8560
Butte	312.8	19	.1283	.6420	291.7	11000
Canton	394.5	19	.1441	.7200	367.9	13300
Cairo	465.4	19	0.1565	0.783	434	15600
Darien	559.5	19	0.1716	0.858	521.7	18800
Elgin	652.4	19	0.1853	0.927	608.4	21900
Flint	740.8	37	0.1415	0.99	690.8	24400
Greeley	927.2	37	0.1583	1.108	864.6	30500