ICC CABLE CORP.

AAAC

ALL ALUMINUM ALLOY CONDUCTOR

APPLICATIONS

AAAC (ALL ALUMINUM ALLOY CONDUCTOR) WIRE FOR USE IN OVERHEAD POWER TRANSMISSION AND DISTRIBUTION LINES

CONSTRUCTION

BARE ALUMINUM ALLOY 6201-T81 WIRES STRANDED HELICALLY AROUND A CENTRAL WIRE

STANDARDS

ASTM B-398: ALUMINUM ALLOY 6201-T81 ALUMINUM ALLOY CONDUCTORS
ASTM B-399: CONCENTRIC LAY STRANDED 6201-T81 ALUMINUM ALLOY CONDUCTORS

CODE NAME	SIZE (KCM)	STRAND	AWG/ KCMIL	NOM. OD (INCHES)		NOM. WEIGHT (LBS/MFT)	RATED STRENGTH (LBS/MFT)	RESISTANCE OHMS/MFT DC @ 20°	RESISTANCE OHMS/MFT DC @ 75°	ALLOWABLE AMPACITY (AMPS)
				INDIV. WIRE OD	CABLE OD					
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	0.082	0.097	395
BUTTE	312.8	19	266.8	0.1283	0.642	291.7	11000	0.064	0.077	460
CANTON	394.5	19	336.4	0.1441	0.720	367.9	13300	0.051	0.061	532
CAIRO	465.4	19	397.5	0.1565	0.783	434.0	15600	0.043	0.052	590
DARIEN	559.5	19	477	0.1716	0.858	521.7	18800	0.036	0.043	663
ELGIN	652.4	19	556.5	0.1853	0.927	608.4	21900	0.031	0.037	729
FLINT	740.8	37	636	0.1415	0.990	690.8	24400	0.027	0.033	790
GREELEY	927.2	37	795	0.1583	1.108	864.6	30500	0.217	0.026	908

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES