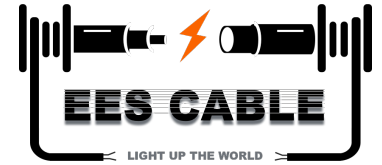


ASTM B399

All Aluminum Alloy 6201-T81
Conductors (AAAC)



Code Name	Total Area		1350 Grade Equivalent (Approx)	Stranding	Conductor Nominal diameter	Nominal Weight	Rated Strength	Maximum DC resistance at 20°C
	AWG or MCM	mm ²	AW Gor MCM	N ^o /mm	mm	kg/km	kN	Ω/km
Akron	30.58	15.52	6	7 x 1.68	5.04	43	4.92	2.1588
Alton	48.69	24.71	4	7 x 2.12	6.36	68	7.83	1.3557
Ames	77.47	39.19	2	7 x 2.67	8.01	108	12.42	0.8547
Azusa	123.3	62.44	1.0	7 x 3.37	10.11	171	18.88	0.5365
Anaheim	155.4	78.55	2/0	7 x 3.78	11.34	216	23.75	0.4264
Amherst	195.7	99.30	3/0	7 x 4.25	12.75	272	30.03	0.3373
Alliance	246.9	125.10	4/0	7 x 4.77	14.31	343	37.83	0.2678
Butte	312.8	158.60	266.8	19 x 3.26	16.30	435	46.46	0.2112
Canton	394.5	199.90	336.4	19 x 3.66	18.30	548	58.56	0.1676
Cairo	465.4	236.40	397.5	19 x 3.98	19.90	649	69.25	0.1417
Darien	559.5	283.57	477.0	19 x 4.36	21.80	778	83.10	0.1181
Elgin	652.6	331.00	556.5	19 x 4.71	23.55	908	96.98	0.1012
Flint	740.8	374.50	636.0	37 x 3.59	25.13	1028	107.36	0.0894
Greeley	927.2	469.60	795.0	37 x 4.02	28.14	1289	134.62	0.0713

ASTM B399

All Aluminum Alloy 6201-T81
Conductors (AAAC)



Total Area		Equivalent Copper Area		Stranding	Conductor Overall diameter	Weight	Rated Strength	Maximum DC resistance at 20 °C
AWG or MCM	mm ²	AWG or MCM	mm ²	N ^o /mm	mm	kg/km	kN	Ω/km
6	13.28	9	7	7 / 1.554	4.66	36	4.206	2.5230
4	21.14	7	11	7 / 1.961	5.88	58	6.698	1.5844
2	33.65	5	18	7 / 2.474	7.42	92	10.66	0.9955
1/0	53.48	3	28	7 / 3.119	9.36	147	16.94	0.6263
2/0	67.46	2	35	7 / 3.503	10.51	185	20.40	0.4965
3/0	85.0	1	45	7 / 3.932	11.80	233	25.70	0.3941
4/0	107.3	1/0	56	7 / 4.417	13.25	294	32.44	0.3123
250	126.6	133	66	19 / 2.913	14.57	347	38.86	0.2645
300	152.1	159	80	19 / 3.193	15.97	417	46.69	0.2202
350	177.3	186	93	19 / 3.447	17.24	486	51.94	0.1889
400	202.7	212	106	19 / 3.686	18.43	556	59.39	0.1652
450	228.0	239	120	19 / 3.909	19.55	626	66.80	0.1469
500	253.3	265	133	19 / 4.12	20.60	695	74.20	0.1322
550	278.5	292	146	37 / 3.096	21.67	764	83.65	0.1203
600	303.7	318	159	37 / 3.233	22.63	833	91.21	0.1103
650	329.2	345	173	37 / 3.366	23.56	903	94.38	0.1017
700	354.6	371	186	37 / 3.493	24.45	973	101.63	0.09448
750	380.2	398	200	37 / 3.617	25.32	1043	108.98	0.08811
800	405.2	425	213	37 / 3.734	26.14	1112	116.14	0.08268
900	456.2	478	240	37 / 3.962	27.73	1252	130.76	0.07343
1000	506.8	531	266	37 / 4.176	29.23	1390	145.27	0.06610