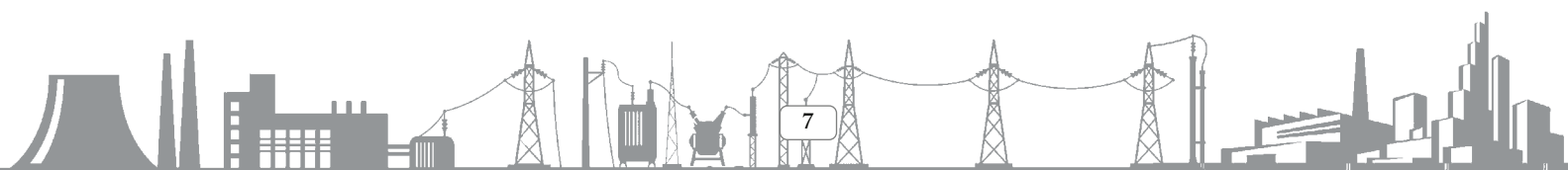




ALL ALUMINIUM-ALLOY CONDUCTORS (AAAC) ASTM B 399

AWG	Conductor size	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C
			No. of wires	Wire Size				
	KCMIL/MCM	mm ²	No.	mm	mm	Kg/Km	KN	Ω/Km
6	26.24	13.28	7	1.55	4.66	36.0	4.206	2.523
4	41.74	21.14	7	1.96	5.88	58.0	6.698	1.5844
2	66.36	33.65	7	2.47	7.42	92.0	10.66	0.9955
0	105.6	53.48	7	3.12	9.36	147.0	16.94	0.6263
2/0	133.1	67.46	7	3.50	10.51	185.0	20.4	0.4965
3/0	167.8	85	7	3.93	11.8	233.0	25.7	0.3941
4/0	211.6	107.3	7	4.42	13.25	294.0	32.44	0.3123
-	250	126.6	19	2.91	14.57	347.0	38.86	0.2645
-	300	152.1	19	3.19	15.97	417.0	46.69	0.2202
-	350	177.3	19	3.45	17.24	486.0	51.94	0.1889
-	400	202.7	19	3.69	18.43	556.0	59.39	0.1652
-	450	228	19	3.91	19.55	626.0	66.8	0.1469
-	500	253.3	19	4.12	20.6	695.0	74.2	0.1322
-	550	278.5	37	3.10	21.67	764.0	83.65	0.1203
-	600	303.7	37	3.23	22.63	833.0	91.21	0.1103
-	650	329.2	37	3.37	23.56	903.0	94.38	0.1017
-	700	354.6	37	3.49	24.45	973.0	101.63	0.09448
-	750	380.2	37	3.62	25.32	1043.0	108.98	0.08811
-	800	405.2	37	3.73	26.14	1112.0	116.14	0.08268
-	900	456.2	37	3.96	27.73	1252.0	130.76	0.07343
-	1000	506.8	37	4.18	29.23	1390.0	145.27	0.0661
-	1250	631	61	3.63	32.67	1732.0	179	0.05306
-	1500	759	61	3.98	35.82	2082.0	215	0.04414
-	1750	886	61	4.30	38.7	2431.0	251	0.03781





ALL ALUMINIUM-ALLOY CONDUCTORS (AAAC) ASTM B 399

AWG	Conductor size	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C)
			No. of wires	Wire Size				
	kcmil	mm ²	No.	mm	mm	Kg/Km	KN	Ω/Km
Akron	30.58	15.5	7	1.68	5.04	42.6	4.92	2.1590
Alton	48.69	24.7	7	2.12	6.36	67.8	7.83	1.3560
Ames	77.47	39.2	7	2.67	8.01	107.5	12.4	0.8547
Azusa	123.3	62.4	7	3.37	10.11	171.3	18.9	0.5365
Anaheim	155.4	78.6	7	3.78	11.34	215.6	23.8	0.4264
Amherst	195.7	99.3	7	4.25	12.75	272.5	30	0.3373
Alliance	246.9	125	7	4.77	14.31	343.2	37.8	0.2678
Butte	312.8	159	19	3.26	16.3	435.1	46.5	0.2112
Canton	394.5	200	19	3.66	18.3	548.5	58.6	0.1676
Cairo	465.4	236	19	3.98	19.9	648.6	69.2	0.1417
Darien	559.5	284	19	4.36	21.8	778.3	83.1	0.1181
Elgin	652.4	331	19	4.71	23.55	908.3	97	0.1012
Flint	740.8	375	37	3.59	25.13	1028.0	107	0.0894
Greeley	927.2	470	37	4.02	28.14	1289.0	135	0.0713
-	1077.4	547	61	3.38	30.42	1502.0	156	0.0612
-	1165.1	590	61	3.51	31.59	1620.0	167	0.0568
-	1259.6	638	61	3.65	32.85	1751.0	181	0.0525
-	1348.8	685	61	3.78	34.02	1878.0	194	0.0489
-	1439.2	729	61	3.90	35.1	1999.0	207	0.0460

