

Class I Conductors for General Wiring

Copper Conductor

ASTM CLASS I

SIZE	STRANDING	NOMINAL AREA		NOMINAL DIAMETER		NOMINAL WEIGHT	
		AWG/kcmil	INCHES	CIRCULAR MILS	mm ²	INCHES	mm
10	27/.0201	10,910	5.53	0.117	2.97	33.70	50
9	—	—	—	—	—	—	—
8	37/.0201	14,950	7.57	0.135	3.43	46	68
7	—	—	—	—	—	—	—
6	61/.0201	24,640	12.50	0.174	4.42	77	114
5	91/.0201	36,760	19	0.242	6.15	116	173
4	105/.0201	42,420	21	0.262	6.60	137	204
3	126/.0201	50,500	25	0.285	7.24	167	249
2	147/.0201	60,600	31	0.307	7.80	190	283
1	224/.0201	90,900	46	0.380	9.65	287	427
1/0	273/.0201	111,100	56	0.410	10.41	351	522
2/0	323/.0201	131,300	66	0.470	11.90	407	606
3/0	456/.0201	184,200	92	0.549	13.94	594	884
4/0	551/.0201	222,600	112	0.593	14.70	696	1035
250	—	—	—	—	—	—	—
262.6	646/.0201	261,000	133	0.630	16	820	1220
300	—	—	—	—	—	—	—
313.1	777/.0201	313,900	159	0.685	17.40	987	1469
350	—	—	—	—	—	—	—
373.7	925/.0201	373,700	189	0.750	19	1176	1750
400	—	—	—	—	—	—	—
444.4	1110/.0201	448,400	225	0.820	20.80	1413	2103
500	—	—	—	—	—	—	—
535.3	1332/.0201	538,100	271	0.895	22.70	1697	2525
592	1480/.0201	597,900	303	0.972	24.70	1858	2765
600	—	—	—	—	—	—	—
646.4	1591/.0201	642,800	327	0.980	24.90	2020	3006
750	—	—	—	—	—	—	—
777.7	1924/.0201	777,700	394	1.075	27.30	2435	3624
1000	—	—	—	—	—	—	—
1111	2745/.0201	1,111,000	563	1.328	33.70	3400	5059

Dimensions and weights are nominal; subject to industry tolerances.