

電線構造に関するガイド

線番表

ゲージ	径		断面積			重量 kg/km	
	mmG/AWG/SWG	mm	mil	mm ²	in ²	CM	銅 アルミ
6/0	14.73	580.1	170.5	0.2643	336.500	1.516	460.4
5/0	13.12	500.0	135.2	0.2096	266.900	1.202	365.0
7/0	12.70	516.6	126.7	0.1964	250.000	1.126	342.1
12	12.00	472.4	113.1	0.1753	223.200	1.005	305.4
6/0	11.79	464.0	109.1	0.1691	215.300	969.9	294.6
4/0	11.68	460.0	107.2	0.1662	211.600	953.0	289.4
5/0	10.97	432.0	94.59	0.1466	186.600	840.9	255.4
3/0	10.40	409.6	85.04	0.1318	167.800	756.0	226.6
4/0	10.16	400.0	81.10	0.1257	160.000	721.0	219.0
10	10.00	393.7	78.54	0.1217	155.000	698.2	212.1
3/0	9.449	372.0	70.13	0.1087	138.400	623.5	189.4
2/0	9.266	364.8	67.43	0.1045	133.100	599.5	182.1
9	9.000	354.3	63.62	0.09861	125.600	565.6	171.8
2/0	8.839	348.0	61.37	0.09512	121.100	545.6	165.7
0	8.252	324.9	53.49	0.08291	105.600	475.5	144.4
8	8.230	324.0	53.20	0.08245	105.000	472.9	143.6
8	8.000	315.0	50.27	0.07791	99.210	446.9	135.7
1	7.620	300.0	45.61	0.07069	90.000	405.5	123.1
1	7.348	289.3	42.41	0.06573	83.690	377.0	114.5
2	7.010	276.0	38.60	0.05983	76.180	343.2	104.2
7	7.000	275.6	38.48	0.05964	75.940	342.1	103.9
2	6.543	257.6	33.63	0.05212	66.380	299.0	90.80
6.5	6.500	255.9	33.18	0.05143	65.480	295.0	89.59
3	6.401	252.0	32.18	0.04988	63.500	286.1	86.89
6	6.000	236.2	28.27	0.04382	55.790	251.3	76.33
4	5.893	232.0	27.27	0.04227	53.820	242.4	73.63
3	5.827	229.4	26.67	0.04133	52.620	237.1	72.01
5.5	5.500	216.5	23.76	0.03683	46.890	211.2	64.15
5	5.385	212.0	22.78	0.03530	44.940	202.5	61.51
4	5.189	204.3	21.15	0.03278	41.740	188.0	57.11
5	5.000	196.9	19.64	0.03041	38.760	174.6	53.03
6	4.877	192.0	18.68	0.02895	36.860	166.1	50.44
5	4.620	181.9	16.77	0.02599	33.090	149.0	45.25
4.5	4.500	177.2	15.90	0.02464	31.380	141.4	42.93
7	4.470	176.0	15.70	0.02433	30.980	139.6	42.39
6	4.115	162.0	13.30	0.02061	26.240	118.2	35.91
8	4.064	160.0	12.97	0.02011	25.600	115.3	35.02
4	4.000	157.5	12.57	0.01948	24.810	111.7	33.94
7	3.665	144.3	10.55	0.01635	20.820	93.79	28.49
9	3.658	144.0	10.51	0.01629	20.740	93.43	28.38
3.5	3.500	137.8	9.621	0.01491	18.900	85.53	25.98
8	3.264	128.5	8.368	0.01297	16.510	74.39	22.59
10	3.251	128.0	8.304	0.01287	16.380	73.82	22.42
3.2	3.200	126.0	8.042	0.01246	15.870	71.49	21.71
11	2.946	116.0	6.820	0.01057	13.460	60.63	18.41
9	2.906	114.4	6.633	0.01028	13.090	58.97	17.91
2.9	2.900	114.2	6.605	0.01024	13.040	58.72	17.83
12	2.642	104.0	5.481	0.008495	10.820	48.73	14.80
2.6	2.600	102.4	5.309	0.008228	10.480	47.20	14.33
10	2.588	101.9	5.262	0.008155	10.380	46.78	14.21
13	2.337	92.0	4.289	0.006648	8.464	38.13	11.58
11	2.304	90.7	4.169	0.006461	8.226	37.06	11.26
2.3	2.300	90.6	4.155	0.006440	8.200	36.94	11.22
12	2.052	80.8	3.309	0.005128	6.529	29.42	8.934
14	2.032	80.0	3.243	0.005027	6.400	28.83	8.756
2.0	2.000	78.7	3.142	0.004870	6.201	27.93	8.483
13	1.829	72.0	2.627	0.004072	5.184	23.35	7.093
1.8	1.800	70.9	2.545	0.003945	5.023	22.63	6.872
14	1.628	64.1	2.082	0.003227	4.109	18.51	5.621
16	1.626	64.0	2.076	0.003217	4.096	18.46	5.605
1.6	1.600	63.0	2.011	0.003117	3.969	17.88	5.430
15	1.450	57.1	1.652	0.002561	3.260	14.69	4.460
17	1.422	56.0	1.589	0.002463	3.136	14.13	4.290
1.4	1.400	55.1	1.539	0.002385	3.037	13.68	4.155
16	1.290	50.8	1.308	0.002027	2.581	11.63	3.532