

Fraction to decimal equivalent

Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/64	.0156	17/64	.2656	33/64	.5156	49/64	.7656
1/32	.0312	9/32	.2812	17/32	.5312	25/32	.7812
3/64	.0469	19/64	.2969	35/64	.5469	51/64	.7969
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
5/64	.0781	21/64	.3281	37/64	.5781	53/64	.8281
3/32	.0937	11/32	.3437	19/32	.5937	27/32	.8437
7/64	.1094	23/64	.3594	39/64	.6094	55/64	.8594
1/8	.1250	3/8	.3750	5/8	.6250	7/8	.8750
9/64	.1406	25/64	.3906	41/64	.6406	57/64	.8906
5/32	.1562	13/32	.4062	21/32	.6562	29/32	.9062
11/64	.1719	27/64	.4219	43/64	.6719	59/64	.9219
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
13/64	.2031	29/64	.4531	45/64	.7031	61/64	.9531
7/32	.2187	15/32	.4687	23/32	.7187	31/32	.9687
15/64	.2344	31/64	.4844	47/64	.7344	63/64	.9844
1/4	.2500	1/2	.5000	3/4	.7500	1	1.0000

Millimeter to inch conversion

1 Inch = 25.4 Mm.

Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch
1	0.039370	26	1.023622	51	2.007874	76	2.992126	101	3.976378	126	4.960630	151	5.944882
2	0.078740	27	1.062992	52	2.047244	77	3.031496	102	4.015748	127	5.000000	152	5.984252
3	0.118110	28	1.102362	53	2.086614	78	3.070866	103	4.055118	128	5.039370	153	6.023622
4	0.157480	29	1.141732	54	2.125984	79	3.110236	104	4.094488	129	5.078740	154	6.062992
5	0.196850	30	1.181102	55	2.165354	80	3.149606	105	4.133858	130	5.118110	155	6.102362
6	0.236220	31	1.220472	56	2.204724	81	3.188976	106	4.173228	131	5.157480	156	6.141732
7	0.275591	32	1.259843	57	2.244094	82	3.228346	107	4.212599	132	5.196851	157	6.181102
8	0.314961	33	1.299213	58	2.283465	83	3.267717	108	4.251969	133	5.236221	158	6.220473
9	0.354331	34	1.338583	59	2.322835	84	3.307087	109	4.291339	134	5.275591	159	6.259843
10	0.393701	35	1.377953	60	2.362205	85	3.346457	110	4.330709	135	5.314961	160	6.299213
11	0.433071	36	1.417323	61	2.401575	86	3.385827	111	4.370079	136	5.354331	161	6.338583
12	0.472441	37	1.456693	62	2.440945	87	3.425197	112	4.409449	137	5.393701	162	6.377953
13	0.511811	38	1.496063	63	2.480315	88	3.464567	113	4.448819	138	5.433071	163	6.417323
14	0.551181	39	1.535433	64	2.519685	89	3.503937	114	4.488189	139	5.472441	164	6.456693
15	0.590551	40	1.574803	65	2.559055	90	3.543307	115	4.527559	140	5.511811	165	6.496063
16	0.629921	41	1.614173	66	2.598425	91	3.582677	116	4.566929	141	5.551181	166	6.535433
17	0.669291	42	1.653543	67	2.637795	92	3.622047	117	4.606299	142	5.590551	167	6.574803
18	0.708661	43	1.692913	68	2.677165	93	3.661417	118	4.645669	143	5.629921	168	6.614173
19	0.748031	44	1.732283	69	2.716535	94	3.700787	119	4.685039	144	5.669291	169	6.653543
20	0.787402	45	1.771654	70	2.755906	95	3.740157	120	4.724410	145	5.708662	170	6.692914
21	0.826772	46	1.811024	71	2.795276	96	3.779528	121	4.763780	146	5.748032	171	6.732284
22	0.866142	47	1.850394	72	2.834646	97	3.818898	122	4.803150	147	5.787402	172	6.771654
23	0.905512	48	1.889764	73	2.874016	98	3.858268	123	4.842520	148	5.826772	173	6.811024
24	0.944882	49	1.929134	74	2.913386	99	3.897638	124	4.881890	149	5.866142	174	6.850394
25	0.984252	50	1.968504	75	2.952756	100	3.937008	125	4.921260	150	5.905512	175	6.889764
												200	7.874016

AWG/Metric Stranded Conductor Chart

AWG	Strand	Approximate O.D.		
		inches	mm	mm ²
36	7/44	.006	.15	0.014
34	7/42	.007	.19	0.022
32	7/40	.008	.20	0.034
32	19/44	.009	.22	0.038
30	7/38	.012	.30	0.057
30	19/42	.012	.30	0.060
28	7/36	.015	.38	0.072
28	19/40	.016	.40	0.093
27	7/35	.018	.45	0.112
26	10/36	.021	.53	0.127
26	19/38	.020	.50	0.155
26	7/34	.019	.48	0.141
24	7/32	.024	.60	0.228
24	10/34	.023	.58	0.202
24	19/36	.024	.60	0.242
24	41/40	.023	.58	0.196
22	7/30	.030	.76	0.357
22	19/34	.031	.78	0.384
22	26/36	.030	.76	0.331
20	7/28	.038	.96	0.562
20	10/30	.035	.88	0.510
20	19/32	.037	.93	0.620
20	26/34	.036	.91	0.526
20	41/36	.036	.91	0.522
18	7/26	.048	1.21	0.902
18	16/30	.047	1.19	0.816
18	19/30	.049	1.24	0.969
18	41/34	.047	1.19	0.829
18	65/36	.047	1.19	0.828
16	7/24	.060	1.52	1.442
16	65/34	.059	1.49	1.315
16	26/30	.059	1.49	1.326
16	19/29	.058	1.47	1.237
16	105/36	.059	1.49	1.338
14	7/22	.073	1.85	2.284
14	19/27	.073	1.85	1.950
14	41/30	.073	1.85	2.090
14	105/34	.073	1.85	2.120
12	7/20	.096	2.43	3.650
12	19/25	.093	2.36	3.100
12	65/30	.095	2.41	3.310
12	165/34	.095	2.41	3.330
10	37/26	.115	2.92	4.770
10	49/27	.116	2.94	5.030
10	105/30	.116	2.94	5.370
8	49/25	.147	3.73	8.000
8	133/29	.147	3.73	8.660
8	655/36	.147	3.73	8.470
6	133/27	.184	4.67	13.670
6	259/30	.184	4.67	13.200
6	1050/36	.184	4.67	13.380
4	133/25	.232	5.89	21.730
4	259/27	.232	5.89	26.620
4	1666/36	.232	5.89	21.240
2	133/23	.292	7.41	34.640
2	259/26	.292	7.41	33.390
2	565/30	.292	7.41	33.910
2	2646/36	.292	7.41	33.730
1	163,195.9	.328	8.33	43.410
1	172,508.0	.328	8.33	42.320
1	817/30	.328	8.33	41.660
1	2019/34	.328	8.33	42.690
1/0	133/21	.368	9.34	55.090
1/0	259/24	.368	9.34	53.360
2/0	133/20	.414	10.51	69.450
2/0	259/23	.414	10.51	67.470
3/0	259/22	.464	11.78	83.220
3/0	427/24	.464	11.78	87.970
4/0	259/21	.522	13.25	107.290
4/0	427/23	.522	13.25	111.230

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