



A Marmon Wire & Cable/Berkshire Hathaway Company

American Wire Gauge (AWG) Wire Size Chart

AWG	Strand Type	Inches	MM	Circular MIL Area	WEIGHT LBS./ 1000 FT.	D.C. RESISTANCE OHMS 1000 FT.
36	Solid	.0050	0,127	25.0	.076	445.0
36	7/44	.006	0,152	28.0	.085	371.0
34	Solid	.0063	0,160	39.7	.120	280.0
34	7/42	.0075	0,192	43.8	.132	237.0
32	Solid	.008	0,203	67.3	.194	174.0
32	7/40	.008	0,203	67.3	.203	164.0
32	19/44	.009	0,229	76.0	.230	136.0
30	Solid	.010	0,254	100.0	.300	113.0
30	7/38	.012	0,305	112.0	.339	103.0
30	19/42	.012	0,305	118.8	.359	87.3
28	Solid	.013	0,330	159.0	.480	70.8
28	7/36	.015	0,381	175.0	.529	64.9
28	19/40	.016	0,406	182.6	.553	56.7
27	7/35	.018	0,457	219.5	.664	54.5
26	Solid	.016	0,409	256.0	.770	43.6
26	10/36	.021	0,533	250.0	.757	41.5
26	19/38	.020	0,508	304.0	.920	34.4
26	7/34	.019	0,483	277.8	.841	37.3
24	Solid	.020	0,511	404.0	1.22	27.3
24	7/32	.024	0,610	448.0	1.36	23.3
24	10/34	.023	0,582	396.9	1.20	26.1
24	19/36	.024	0,610	475.0	1.43	21.1
24	41/40	.023	0,582	384.4	1.16	25.6
22	Solid	.025	0,643	640.0	1.95	16.8
22	7/30	.030	0,762	700.0	2.12	14.7
22	19/34	.031	0,787	754.1	2.28	13.7
22	26/36	.030	0,762	650.0	1.97	15.9
20	Solid	.032	0,813	1020.0	3.10	10.5
20	7/28	.038	0,965	1111.0	3.49	10.3
20	10/30	.035	0,889	1000.0	3.03	10.3



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20	19/32	.037	0,940	1216.0	3.70	8.6
20	26/34	.036	0,914	1031.9	3.12	10.0
20	41/36	.036	0,914	1025.0	3.10	10.0
18	Solid	.040	1,020	1620.0	4.92	6.6
18	7/26	.048	1,219	1769.6	5.36	5.9
18	16/30	.047	1,194	1600.0	4.84	8.5
18	19/30	.049	1,245	1900.0	5.75	5.5
18	41/34	.047	1,194	1627.3	4.92	6.4
18	65/36	.047	1,194	1625.0	4.91	6.4
16	Solid	.051	1,290	2580.0	7.81	4.2
16	7/24	.060	1,524	2828.0	8.56	3.7
16	65/34	.059	1,499	2579.9	7.81	4.0
16	26/30	.059	1,499	2600.0	7.87	4.0
16	19/29	.058	1,473	2426.3	7.35	4.3
16	105/36	.059	1,499	2625.0	7.95	4.0
14	Solid	.064	1,630	4110.0	12.40	2.6
14	7/22	.073	1,854	4480.0	13.56	2.3
14	19/27	.073	1,854	3830.4	11.59	2.7
14	41/30	.073	1,854	4100.0	12.40	2.5
14	105/34	.073	1,854	4167.5	12.61	2.5
12	Solid	.081	2,050	6,530.0	19.80	1.7
12	7/20	.096	2,438	7,168.0	21.69	1.5
12	19/25	.093	2,369	6,087.6	18.43	1.7
12	65/30	.095	2,413	6,500.0	19.66	1.8
12	165/34	.095	2,413	6,548.9	19.82	1.6
10	Solid	.102	2,590	1,038.0	31.40	1.0
10	37/26	.115	2,921	9,353.6	28.31	1.1
10	49/27	.116	2,946	9,878.4	29.89	1.1
10	105/30	.116	2,946	10,530.0	31.76	0.98
8	49/25	.147	3,734	15,697.0	47.53	0.67
8	133/29	.147	3,734	16,984.0	51.42	0.61
8	655/36	.147	3,734	16,625.0	49.58	0.62



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6	133/27	.184	4,674	26,813.0	81.14	0.47
6	259/30	.184	4,674	25,900.0	78.35	0.40
6	1050/36	.184	4,674	26,250.0	79.47	0.39
4	133/25	.232	5,898	42,613.0	129.01	0.24
4	259/27	.232	5,898	52,214.0	158.02	0.20
4	1666/36	.232	5,898	41,650.0	126.10	0.25
2	133/23	.292	7,417	67,936.0	205.62	0.15
2	259/26	.292	7,417	65,475.0	198.14	0.16
2	665/30	.292	7,417	66,500.0	201.16	0.16
2	2646/36	.292	7,417	66,150.0	200.28	0.16
1	817/30	.328	8,331	81,700.0	247.10	0.13
1	2109/34	.328	8,331	83,706.0	253.29	0.12
1/0	133/21	.368	9,347	108,036.0	327.05	0.096
1/0	259/24	.368	9,347	104,636.0	316.76	0.099
2/0	133/20	.414	10,516	136,192.0	412.17	0.077
2/0	259/23	.414	10,516	132,297.0	400.41	0.077
3/0	259/22	.464	11,786	163,195.0	501.70	0.062
3/0	427/24	.464	11,786	172,508.0	522.20	0.059
4/0	259/21	.522	13,259	210,386.0	638.88	0.049
4/0	427/23	.522	13,259	218,112.0	660.01	0.047