



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com



LITZ CABLE STRANDS		HEAVY BUILD, NYLON SERVED Nominal Wires (#'s are rounded)		
No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
2	14	8218	n/a	39
170	15	554200	n/a	n/a
24	20	24576	n/a	n/a
45	22	28805	0.249	11
32	23	16345.6	0.17	21.21
15	24	6060	0.1	n/a
16	24	6464	0.103	49
40	24	16160	3.87	n/a
140	26	35392	n/a	n/a
2	28	317.6	0.025	992
12	28	1905.6	n/a	n/a
91	28	14450.8	0.161	n/a
2	30	200	0.021	1572
3	30	300	0.023	1048
4	30	400	0.027	786
5	30	500	0.03	629
6	30	600	0.033	524
7	30	700	0.035	449
8	30	800	0.042	393
9	30	900	0.04	349
10	30	1000	0.042	315
11	30	1100	0.044	285
15	30	1500	0.052	210
20	30	2000	0.071	157
25	30	2500	0.07	125.8
26	30	2600	0.074	120
125	30	12500	0.159	25
130	30	13000	0.183	24
132	30	13200	0.168	23
165	30	16512	0.18	19
168	30	16800	0.161	n/a
450	30	4500	0.314	6.9
1250	30	125000	0.598	4.61



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
3	32	192	0.019	1651
4	32	256	0.022	1238
5	32	320	0.025	991
6	32	384	0.027	826
7	32	448	0.029	708
8	32	512	0.031	619
9	32	576	0.033	550
10	32	640	0.035	495
11	32	704	0.039	437.5
15	32	960	0.043	330
20	32	1280	0.049	248
28	32	1792	0.057	176
32	32	2048	0.037	450
50	32	3200	1.872	n/a
3	33	151.23	0.156	2123
77	33	3882	n/a	n/a
150	33	7561.5	0.131	40.9
2	34	79.38	n/a	n/a
3	34	119.07	0.015	2627
4	34	158.76	0.017	1970
5	34	198.45	0.019	1576
6	34	238.14	0.021	1313
7	34	277.83	0.023	1126
8	34	317.52	0.025	985
9	34	357.21	0.026	876
10	34	396.9	0.027	788
15	34	595.35	0.034	525
20	34	793.8	0.039	394
105	35	3292.8	0.088	92.6
3	36	75	0.012	4151
4	36	100	0.013	3172
5	36	125	0.016	2491
6	36	150	0.017	2076
7	36	175	0.018	1779



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
8	36	200	0.02	1557
9	36	225	0.021	1384
10	36	250	0.022	1245
15	36	375	0.027	830
20	36	500	0.031	623
25	36	625	0.035	498
30	36	750	0.038	415
40	36	1000	0.044	311
50	36	1250	0.049	249
60	36	1500	0.054	208
65	36	1625	0.058	180
100	36	2500	0.072	124
660	36	16500	0.193	18.7
2880	36	72000	n/a	n/a
50	37	1012.5	0.048	302
2	38	32	0.008	9823
3	38	48	0.01	6549
4	38	64	0.011	4912
5	38	80	0.013	3929
6	38	96	0.014	3274
7	38	112	0.015	2807
8	38	128	0.016	2456
9	38	144	0.017	2183
10	38	160	0.018	1965
15	38	240	0.022	1310
20	38	320	0.025	982
25	38	400	0.03	756
30	38	480	0.031	655
40	38	640	0.036	491
50	38	800	0.04	393
60	38	960	0.047	318
80	38	1280	0.056	239
120	38	1920	0.067	160
130	38	2080	0.064	148



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
162	38	2592	0.076	118.6
180	38	2880	0.079	107
240	38	3840	0.092	80
260	38	4160	0.105	74.3
420	38	6720	0.132	46.2
660	38	10560	0.17	29.4
3	40	28.83	0.008	10449
4	40	38.44	0.009	7837
5	40	48.05	0.01	6270
6	40	57.66	0.011	5225
7	40	57.27	0.012	4478
8	40	76.88	0.012	3919
9	40	86.49	0.013	3483
10	40	96.1	0.014	3135
15	40	144.15	0.017	2090
20	40	192.2	0.02	1567
25	40	240.25	0.022	1254
30	40	288.3	0.024	1045
40	40	384.4	0.028	784
42	40	403.62	0.031	718
50	40	480.5	0.033	603
60	40	576.6	0.034	523
75	40	720.75	0.038	418
100	40	961	0.044	313
125	40	1201.25	0.049	251
150	40	1441.5	0.054	209
175	40	1681.75	0.058	179
225	40	2162.25	0.087	136
270	40	2594.7	0.087	113.7
435	40	4180.35	0.105	71.1
700	40	6727	0.14	44.2
1100	40	10571	0.175	28.2



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		Nominal Wires (#'s are rounded)		
No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
3	41	23.52	0.007	13228
4	41	31.36	0.008	9921
5	41	39.2	0.009	7937
6	41	47.04	0.01	6614
7	41	54.88	0.01	5669
8	41	62.72	0.011	4960
9	41	70.56	0.012	4409
10	41	78.4	0.012	3968
15	41	117.6	0.015	2646
20	41	156.8	0.018	1984
25	41	196	0.02	1587
28	41	219.52	0.042	589
30	41	235.2	0.022	1323
40	41	313.6	0.025	992
50	41	392	0.028	794
60	41	470.4	0.03	661
75	41	588	0.034	529
100	41	784	0.039	397
125	41	980	0.044	317
150	41	1176	0.048	265
175	41	1372	0.055	221
3	42	18.75	0.006	16750
4	42	25	0.007	12563
5	42	31.25	0.008	10050
6	42	37.5	0.009	8375
7	42	43.75	0.009	7179
8	42	50	0.01	6281
9	42	56.25	0.01	5583
10	42	62.5	0.011	5025
15	42	93.75	0.013	3350
20	42	125	0.016	2513
25	42	156.25	0.017	2010
30	42	187.5	0.019	1675
40	42	250	0.022	1256



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		Nominal Wires (#'s are rounded)		
No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
50	42	312.5	0.025	1005
60	42	375	0.027	838
66	42	412.5	0.034	729
75	42	468.75	0.03	670
100	42	625	0.035	503
125	42	781.25	0.039	402
150	42	937.5	0.042	335
175	42	1093.75	0.046	287
400	42	2500	0.078	125
1050	42	6562.5	0.117	46
3	43	14.52	0.005	20964
4	43	19.36	0.006	15723
5	43	24.2	0.007	12579
6	43	29.04	0.008	10482
7	43	33.88	0.008	8985
8	43	38.72	0.009	7862
9	43	43.56	0.009	6988
10	43	48.4	0.01	6289
15	43	72.6	0.012	4193
20	43	96.8	0.014	3145
25	43	121	0.016	2516
30	43	145.2	0.017	2096
40	43	193.6	0.02	1572
50	43	242	0.022	1258
60	43	290.4	0.024	1048
75	43	363	0.027	839
100	43	484	0.031	629
125	43	605	0.035	503
150	43	726	0.038	419
175	43	847	0.041	359
5	44	20	0.007	15748
6	44	24	0.007	13123
7	44	28	0.008	11249



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
8	44	32	0.008	9843
9	44	36	0.009	8749
10	44	40	0.009	7874
15	44	60	0.011	5249
20	44	80	0.001	3937
25	44	100	0.014	3150
30	44	120	0.016	2625
40	44	160	0.018	1969
50	44	200	0.02	1575
60	44	240	0.022	1312
75	44	300	0.025	1050
100	44	400	0.029	787
125	44	500	0.032	630
150	44	600	0.035	525
175	44	700	0.038	450
3	45	9.3	0.0045	33033
4	45	12.4	0.005	24775
5	45	15.5	0.0055	19820
6	45	18.6	0.006	16517
7	45	21.7	0.0065	14157
8	45	24.8	0.007	12388
9	45	27.9	0.0075	11011
10	45	31	0.008	9910
15	45	46.5	0.0095	6607
20	45	62	0.011	4955
25	45	77.5	0.012	3964
30	45	93	0.014	3303
40	45	124	0.016	2478
50	45	155	0.018	1982
60	45	186	0.019	1652
75	45	232.5	0.022	1321
100	45	310	0.025	991
125	45	387.5	0.028	793
150	45	465	0.03	661



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
175	45	542.5	0.033	566
3	46	7.41	0.004	41267
4	46	9.88	0.0045	30950
5	46	12.35	0.005	24760
6	46	14.82	0.0055	20633
7	46	17.29	0.006	17686
8	46	19.76	0.0065	15475
9	46	22.23	0.007	13756
10	46	24.7	0.0075	12380
15	46	37.05	0.009	8253
20	46	49.4	0.01	6190
25	46	61.75	0.011	4952
30	46	74.1	0.012	4127
40	46	98.8	0.014	3095
50	46	123.5	0.016	2476
60	46	148.2	0.018	2063
75	46	185.25	0.02	1651
100	46	247	0.023	1238
125	46	308.75	0.025	990
150	46	370.5	0.028	825
175	46	432.25	0.03	707
4350	46	10744.5	0.21	28.4
3	47	5.88	0.0035	51533
4	47	7.84	0.004	38650
5	47	9.8	0.0045	30920
6	47	11.76	0.005	25767
7	47	13.72	0.0055	22086
8	47	15.68	0.006	19325
9	47	17.64	0.006	17178
10	47	19.6	0.0065	15460
15	47	29.4	0.008	10307
30	47	58.8	0.011	5153
40	47	78.4	0.013	3865
50	47	98	0.015	3092



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No.	AWG	Cable Area Cir. Mils	Mean O.D. Inches	Length Feet / Lbs.
60	47	117.6	0.016	2577
75	47	147	0.018	2061
100	47	196	0.021	1546
125	47	245	0.023	1237
150	47	294	0.025	1031
175	47	343	0.027	883
3	48	4.62	0.003	65567
4	48	6.16	0.0035	49175
5	48	7.7	0.004	39340
6	48	9.24	0.0045	32783
7	48	10.78	0.0045	28100
8	48	12.32	0.005	24588
9	48	13.86	0.005	21856
10	48	15.4	0.006	19670
15	48	23.1	0.007	13113
20	48	30.8	0.008	9835
25	48	38.5	0.009	7868
30	48	46.2	0.01	6557
40	48	61.6	0.011	4918
50	48	77	0.013	3934
60	48	92.4	0.014	3278
75	48	115.5	0.016	2623
100	48	154	0.018	1967
125	48	192.5	0.02	1574
150	48	231	0.022	1311
175	48	269.5	0.024	1124

*To be used as a guideline Copyright 2013 ©HSM Wire International Rev.5.8.11.2013