

# HM Wire International, Inc.

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

[www.litz-wire.com](http://www.litz-wire.com) [info@litz-wire.com](mailto:info@litz-wire.com)

## Round Ultra Fine Litz Wire Recommendations

### Recommended Operating Frequency 100 KHz to 200 KHz

<b>34</b>	38.4	4	40	--	.008	.127	292.4
<b>32</b>	67.3	7	40	--	.011	.222	167.1
<b>30</b>	106	11	40	SN	.017	.380	106.3
<b>28</b>	163	17	40	SN	.020	.578	68.8
<b>26</b>	260	27	40	SN	.024	.905	43.3
<b>24</b>	404	42	40	SN	.030	1.40	27.9
<b>22</b>	634	66	40	SN	.040	2.23	18.2
<b>20</b>	1,036	108	40	SN	.050	3.62	11.1
<b>18</b>	1,634	170	40	SN	.061	5.67	7.05
<b>16</b>	2,595	270	40	SN	.073	9.18	4.55
<b>14</b>	4,180	435	40	SN	.093	14.8	2.83
<b>12</b>	6,727	700	40	SN	.118	23.7	1.76
<b>10</b>	10,571	1,100	40	SN	.148	37.3	1.12
<b>8</b>	17,298	1,800	40	DN	.236	66.6	.700
<b>6</b>	26,812	2,790	40	DN	.293	103	.451
<b>4</b>	42,813	4,455	40	SNB	.431	176	.282
<b>2</b>	69,192	7,200	40	SNB	.572	290	.174
<b>1/0</b>	105,710	11,000	40	SNB	.668	428	.114

### Recommended Operating Frequency 200 KHz to 350 KHz

<b>36</b>	25.0	4	42	--	.007	.079	457
<b>34</b>	43.8	7	42	SN	.012	.157	261.2
<b>32</b>	62.5	10	42	SN	.014	.220	182.8
<b>30</b>	100	16	42	SN	.016	.345	114.3
<b>28</b>	163	26	42	SN	.020	.551	70.3
<b>26</b>	250	40	42	SN	.024	.836	45.7
<b>24</b>	413	66	42	SN	.031	1.40	28.4
<b>22</b>	656	105	42	SN	.040	2.21	17.8
<b>20</b>	1,031	165	42	SN	.049	3.45	11.4
<b>18</b>	1,688	270	42	SN	.062	5.74	7.11

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### Recommended Operating Frequency 200 KHz to 350 KHz

<b>16</b>	2,625	420	42	SN	.073	8.88	4.57
<b>14</b>	4,125	660	42	SN	.092	13.9	2.91
<b>12</b>	6,563	1,050	42	DN	.119	22.4	1.83
<b>10</b>	10,687	1,710	42	DN	.185	40.3	1.15
<b>8</b>	16,875	2,700	42	DN	.231	63.0	.729
<b>6</b>	26,250	4,200	42	DN	.287	97.1	.468
<b>4</b>	42,188	6,750	42	SNB	.434	167	.291
<b>2</b>	67,500	10,800	42	SNB	.561	272	.182

### Recommended Operating Frequency 100 KHz to 200 KHz

<b>38</b>	16	4	44	--	.005	.050	729.1
<b>36</b>	28	7	44	--	.010	.102	416.6
<b>34</b>	40	10	44	SN	.011	.143	291.7
<b>32</b>	64	16	44	SN	.014	.223	182.3
<b>30</b>	100	25	44	SN	.016	.341	116.7
<b>28</b>	160	40	44	SN	.019	.537	72.9
<b>26</b>	264	66	44	SN	.026	.898	45.3
<b>24</b>	420	105	44	SN	.032	1.41	28.5
<b>22</b>	640	160	44	SN	.039	2.13	18.7
<b>20</b>	1,020	255	44	SN	.048	3.37	11.7
<b>18</b>	1,620	405	44	SN	.060	5.45	7.56
<b>16</b>	2,600	650	44	SN	.072	8.71	4.72
<b>14</b>	4,200	1,050	44	SN	.091	14.0	2.92
<b>12</b>	6,600	1,650	44	DN	.117	22.8	1.91
<b>10</b>	10,500	2,625	44	DN	.146	36.4	1.20
<b>8</b>	16,800	4,200	44	DN	.226	62.0	.747

### Recommended Operating Frequency 850 KHz to 1.4 MHz

<b>38</b>	17.3	7	46	--	.006	.054	658.9
<b>36</b>	24.7	10	46	SN	.010	.092	461.2
<b>34</b>	39.5	16	46	SN	.011	.142	288.3
<b>32</b>	64.2	26	46	SN	.014	.225	177.4

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### Recommended Operating Frequency 850 KHz to 1.4 MHz

<b>30</b>	101	41	46	SN	.016	.348	112.5
<b>28</b>	163	66	46	SN	.021	.567	71.6
<b>26</b>	259	105	46	SN	.026	.889	45.1
<b>24</b>	408	165	46	SN	.032	1.38	28.7
<b>22</b>	667	270	46	SN	.039	2.29	18.0
<b>20</b>	1,038	420	46	SN	.048	3.54	11.6
<b>18</b>	1,630	660	46	SN	.060	5.53	7.34
<b>16</b>	2,593	1,050	46	SN	.072	8.75	4.61
<b>14</b>	4,261	1,725	46	DN	.095	14.9	2.88
<b>12</b>	6,669	2,700	46	DN	.118	23.2	1.84
<b>10</b>	10,745	4,350	46	DN	.191	40.5	1.14

### Recommended Operating Frequency 1.4 MHz to 2.8 MHz

<b>42</b>	7.7	5	48	--	.004	.024	1478.9
<b>40</b>	10.8	7	48	SN	.008	.044	1056.3
<b>38</b>	18.5	12	48	SN	.009	.072	616.2
<b>36</b>	27.7	18	48	SN	.010	.104	410.8
<b>34</b>	40	26	48	SN	.012	.147	284.4
<b>32</b>	69.3	45	48	SN	.014	.247	164.3
<b>30</b>	102	66	48	SN	.018	.367	114.8
<b>28</b>	162	105	48	SN	.022	.573	72.2
<b>26</b>	277	180	48	SN	.027	.966	42.1
<b>24</b>	462	300	48	SN	.034	1.63	25.9
<b>22</b>	647	420	48	SN	.04	2.26	18.5
<b>20</b>	1,040	675	48	SN	.05	3.61	11.5
<b>18</b>	1,694	1,100	48	SN	.062	5.85	7.06
<b>16</b>	2,657	1,725	48	SN	.074	9.35	4.62
<b>14</b>	4,158	2,700	48	SN	.093	14.6	2.95
<b>12</b>	6,930	4,500	48	DN	.159	26.9	1.77

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