

# Rectangular Braided Litz

The Type 7 braided Litz constructions shown below are used primarily in high frequency grounding applications, or where special inductor designs require high aspect ratio conductors. We have listed only the most popular constructions and frequency ranges. Specific sizes utilizing almost any wire gauge are available to meet customer specification.

Equivalent AWG	Circular Mil Area	Number of Wires	AWG of Wire	Film Coating <sup>1</sup>	Nominal Width	Nominal Thickness	Nominal LBS/1000 FT	Construction
<b>RECOMMENDED OPERATING FREQUENCY - 1 KHZ TO 15 KHZ</b>								
10	9600	96	30	H	.363	.073	33	24-4-30
9	12000	120	30	H	.435	.073	41	24-5-30
8	16800	168	30	H	.508	.073	58	24-7-30
6	24000	240	30	H	.580	.109	83	24-10-30
5	36000	360	30	H	.725	.109	124	24-15-30
5	33600	336	30	H	1.600	.073	121	48-7-30
4	48000	480	30	H	.870	.145	173	24-20-30
3	64800	648	30	H	1.090	.145	227	24-27-30
2	76800	768	30	H	1.160	.145	279	24-32-30
1/0	105600	1056	30	H	1.450	.145	373	24-44-30
2/0	153600	1536	30	H	2.320	.181	526	48-32-30
3/0	168000	1680	30	H	2.610	.181	569	48-35-30
4/0	249600	2496	30	H	2.900	.181	824	48-52-30
<b>RECOMMENDED OPERATING FREQUENCY - 15 KHZ TO 50 KHZ</b>								
22	800	32	36	H	.075	.038	2.79	16-2-36
18	1600	64	36	H	.113	.038	5.41	16-4-36
16	2400	96	36	H	.188	.038	8.50	24-4-36
14	4200	168	36	H	.263	.038	15.00	24-7-36
12	7200	288	36	H	.450	.038	26.00	48-6-36
10	9600	384	36	H	.450	.076	33.00	24-16-36
9	13200	528	36	H	.750	.076	46.00	48-11-36
8	18000	720	36	H	.750	.075	63.00	48-15-36
6	26400	1056	36	H	1.050	.075	96.00	48-22-36
4	40200	1608	36	H	.900	.113	143.00	24-67-36
2	72000	2880	36	H	1.500	.113	265.00	48-60-36
1/0	100800	4032	36	H	1.950	.150	376.00	48-84-36

1 H = heavy-film coating

*All measurements are in inches unless otherwise stated.*