

Jantzen Cross-Coil Copper Foil Inductors

The Jantzen Cross-Coils are premium quality, audiophile-grade copper foil inductors. They feature 99.99% pure copper foil windings separated by an extremely thin layer of polypropylene film and tightly wrapped around a hardwood core. This results in very low magneto shrinkage factor and virtually zero FM distortion. The foil approach outperforms conventional round wire inductors by providing over 12 times the surface area through which high-frequency electrons can travel, minimizing skin-effect problems and providing consistently low power-distortion figures. Very close to the "ideal inductor" in all respects, every coil goes through a specially developed Jantzen anti-oxidizing treatment and measurement procedure prior to packaging. Tolerance, $\pm 3.0\%$. Power handling: 350 watts RMS for 16 gauge, 500 watts RMS for 14 gauge, and 650 watts RMS for 12 gauge.



Speaker Building

Crossover Components

JANTZEN AUDIO

Jantzen 15 Gauge P-Core Inductors

- Powder core
- Extremely low DCR
- High power handling



The Jantzen P-Core Inductors utilize a Permite (ferrous powder) material within the core; this creates significant lower hysteresis compared to ferrite cores high before saturation occurs. P-Core also feature an extremely low DCR and high power handling capability. All the making for a great woofer or subwoofer crossover inductor. Tolerance, $\pm 5.0\%$. Power handling: 400 watts RMS.

Part #	Inductance	Gauge	DCR (ohms)	Dimensions Dia. x H	Price (1-3)	Price (4-UP)
255-600	0.05 mH	16	0.06	1.38" x 1.00"	\$9.37	\$7.75
255-602	0.08 mH	16	0.08	1.50" x 1.00"	9.32	8.63
255-604	0.11 mH	16	0.11	1.57" x 1.00"	10.56	9.78
255-606	0.15 mH	16	0.12	1.65" x 1.00"	10.88	10.08
255-608	0.20 mH	16	0.14	1.77" x 1.00"	11.84	10.97
255-610	0.22 mH	16	0.15	1.81" x 1.00"	12.16	11.27
255-612	0.27 mH	16	0.16	1.89" x 1.00"	12.76	11.82
255-614	0.33 mH	16	0.18	1.97" x 1.00"	13.48	12.48
255-616	0.39 mH	16	0.20	2.05" x 1.00"	14.24	13.19
255-618	0.47 mH	16	0.22	2.13" x 1.00"	14.12	13.07
255-620	0.56 mH	16	0.24	2.24" x 1.00"	16.36	15.15
255-622	0.62 mH	16	0.26	2.26" x 1.00"	16.84	15.60
255-624	0.68 mH	16	0.27	2.32" x 1.00"	18.16	16.82
255-626	0.82 mH	16	0.31	2.40" x 1.00"	18.88	17.49
255-628	1.00 mH	16	0.34	2.56" x 1.00"	20.40	18.55
255-630	1.10 mH	16	0.36	2.64" x 1.00"	21.24	19.67
255-632	1.20 mH	16	0.38	2.68" x 1.00"	21.28	19.72
255-634	1.30 mH	16	0.39	2.72" x 1.00"	22.88	21.20
255-636	1.50 mH	16	0.43	2.83" x 1.00"	23.84	22.06
255-638	1.80 mH	16	0.48	2.99" x 1.00"	24.70	22.87
255-640	2.20 mH	16	0.55	3.15" x 1.00"	29.48	27.29
255-642	2.70 mH	16	0.60	3.35" x 1.00"	29.75	27.54
255-644	3.30 mH	16	0.68	3.50" x 1.00"	35.76	33.11
255-646	3.90 mH	16	0.76	3.70" x 1.00"	28.48	26.37
255-648	4.70 mH	16	0.85	3.90" x 1.00"	37.68	34.89
255-650	0.05 mH	14	0.05	1.54" x 1.50"	9.10	8.43
255-652	0.08 mH	14	0.06	1.61" x 1.50"	12.12	11.22
255-654	0.11 mH	14	0.08	1.69" x 1.50"	13.16	12.19
255-656	0.15 mH	14	0.09	1.77" x 1.50"	13.62	12.62
255-658	0.20 mH	14	0.10	1.85" x 1.50"	13.18	12.21
255-660	0.22 mH	14	0.11	1.93" x 1.50"	16.76	15.52
255-662	0.27 mH	14	0.12	2.01" x 1.50"	18.12	16.78
255-664	0.33 mH	14	0.13	2.05" x 1.50"	19.60	18.14
255-666	0.39 mH	14	0.15	2.17" x 1.50"	21.12	19.55
255-668	0.47 mH	14	0.16	2.28" x 1.50"	22.88	21.19
255-670	0.50 mH	14	0.17	2.30" x 1.50"	23.56	21.81
255-672	0.56 mH	14	0.18	2.36" x 1.50"	17.86	16.54
255-674	0.62 mH	14	0.19	2.40" x 1.50"	27.32	25.30
255-676	0.68 mH	14	0.20	2.48" x 1.50"	28.56	26.44
255-678	0.82 mH	14	0.22	2.60" x 1.50"	30.28	28.04
255-680	1.00 mH	14	0.24	2.72" x 1.50"	31.92	29.55
255-682	1.10 mH	14	0.25	2.76" x 1.50"	35.76	33.11
255-684	1.20 mH	14	0.27	2.83" x 1.50"	32.10	29.73
255-686	1.50 mH	14	0.31	3.03" x 1.50"	38.56	35.70
255-688	1.80 mH	14	0.36	3.15" x 1.50"	42.08	38.97
255-690	2.20 mH	14	0.40	3.35" x 1.50"	46.16	42.74
255-692	2.70 mH	14	0.44	3.50" x 1.50"	51.04	47.26
255-694	3.30 mH	14	0.50	3.70" x 1.50"	49.56	45.89
255-696	3.90 mH	14	0.55	3.90" x 1.50"	59.42	55.02
255-698	4.70 mH	14	0.60	4.09" x 1.50"	49.46	45.80
255-700	0.05 mH	12	0.04	1.46" x 2.10"	15.76	14.59
255-702	0.08 mH	12	0.05	1.61" x 2.10"	18.48	17.11
255-704	0.11 mH	12	0.05	1.73" x 2.10"	20.56	19.03
255-706	0.15 mH	12	0.07	1.81" x 2.10"	18.92	17.52
255-708	0.20 mH	12	0.08	1.89" x 2.10"	25.36	23.48
255-710	0.22 mH	12	0.08	1.97" x 2.10"	26.40	24.44
255-712	0.27 mH	12	0.09	2.05" x 2.10"	28.92	26.78
255-714	0.33 mH	12	0.10	2.13" x 2.10"	31.68	29.34
255-716	0.39 mH	12	0.11	2.28" x 2.10"	33.92	31.40
255-718	0.47 mH	12	0.12	2.36" x 2.10"	36.88	34.14
255-720	0.56 mH	12	0.13	2.48" x 2.10"	40.48	37.49
255-721	0.62 mH	12	0.14	2.54" x 2.10"	29.92	27.70
255-722	0.68 mH	12	0.15	2.64" x 2.10"	43.40	40.18
255-724	0.82 mH	12	0.16	2.72" x 2.10"	47.32	43.81
255-726	1.00 mH	12	0.18	2.83" x 2.10"	52.72	48.82
255-728	1.10 mH	12	0.19	2.95" x 2.10"	55.12	51.03
255-730	1.20 mH	12	0.20	2.99" x 2.10"	57.64	53.37
255-732	1.30 mH	12	0.22	3.11" x 2.10"	60.08	55.63
255-734	1.50 mH	12	0.23	3.19" x 2.10"	64.72	59.93
255-736	1.80 mH	12	0.26	3.35" x 2.10"	70.16	65.06
255-738	2.00 mH	12	0.27	3.46" x 2.10"	52.18	48.31
255-740	2.20 mH	12	0.29	3.50" x 2.10"	68.08	63.04
255-742	2.70 mH	12	0.33	3.70" x 2.10"	61.28	56.74
255-744	3.30 mH	12	0.37	3.90" x 2.10"	102.28	94.70
255-746	3.90 mH	12	0.41	4.09" x 2.10"	89.52	82.89
255-748	4.70 mH	12	0.45	4.33" x 2.10"	117.32	108.63

Part #	Inductance	DCR (ohms)	Dimensions Dia. x H	Price (1-3)	Price (4-UP)
255-100	1.00 mH	.13	1.61" x 1.2"	\$8.46	\$7.69
255-102	1.20 mH	.14	1.65" x 1.2"	9.02	8.20
255-104	1.50 mH	.16	1.73" x 1.2"	9.66	8.79
255-106	1.80 mH	.17	1.81" x 1.2"	10.04	9.13
255-108	2.20 mH	.20	1.84" x 1.2"	11.24	10.22
255-110	2.70 mH	.22	1.93" x 1.2"	12.02	10.93
255-112	3.30 mH	.23	1.96" x 1.2"	13.30	12.09
255-114	3.90 mH	.24	1.98" x 1.2"	14.04	12.78
255-116	4.70 mH	.26	2.00" x 1.2"	14.78	13.44
255-118	5.60 mH	.27	2.05" x 1.2"	18.54	16.86
255-120	6.80 mH	.29	2.12" x 1.2"	17.88	16.25
255-122	8.20 mH	.30	2.15" x 1.2"	19.36	17.60
255-124	10.00 mH	.33	2.20" x 1.2"	22.54	20.49
255-126	12.00 mH	.38	2.32" x 1.2"	24.00	21.82
255-128	15.00 mH	.42	2.40" x 1.2"	30.72	27.93

Jantzen 14 Gauge C-Coil Toroidal Inductors

- Extremely low resistance
- Designed for low frequency applications
- 700 watts RMS power handling



Introducing new Jantzen C-Coil inductors, specially engineered for low frequency applications. These inductors utilize a toroidal iron core design providing extremely low resistance and high power handling.

The core is epoxy coated to secure against short circuit even at very high load. Power handling is massive at 700 watts RMS, making them perfect for high power passive crossovers.

Part #	Inductance	DCR (ohms)	Price (1-3)	Price (4-UP)
255-804	1.50 mH	.049	\$35.07	\$32.26
255-808	2.20 mH	.060	35.43	32.58
255-812	3.30 mH	.070	36.54	33.62
255-816	3.90 mH	.069	45.85	42.41
255-820	4.70 mH	.072	49.58	45.60
255-824	5.60 mH	.078	49.99	45.98
255-828	6.80 mH	.083	50.21	46.35
255-832	8.20 mH	.095	51.24	47.14
255-836	10.00 mH	.102	52.08	47.90
255-840	12.00 mH	.114	59.44	54.89
255-844	18.00 mH	.174	68.91	63.39

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Weller WLC100 Soldering Station

The Weller WLC100 soldering station is ideal for the professional, serious hobbyist, or kit builder who demands higher performance than usual of a standard unit, but without the high cost of an industrial unit. Power is adjustable from 5 to 40 watts. Includes 40 watt pencil iron. UL approved. 120 VAC. Replacement sponge #372-118.



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