

FERRIT Core coils MCoil DrumCore



MCoil DrumCore made from oxygen-free copper (OFC) round-wire have been developed for applications for which compact dimensions, the lowest possible internal resistance and a great value for money are of key importance.

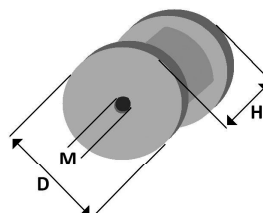
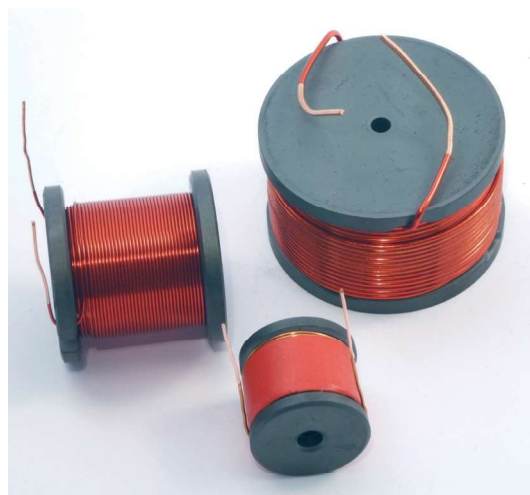
Because of their low high-load distortions, the **ARONIT** versions particularly distinguish in midwoofer, woofer and subwoofer applications.

The **FERRITE** types are highly recommended for middriver, midwoofer and parallel applications, due to their low basic distortion level. The tonal quality of these coils is a convincing blend of the typical harmoniously-neutral sound of solid core copper round-wire and the natural vitality and enhanced tonal dynamic of HP3616.

The fine properties of the **H** series can be further improved by applying Baked Varnish treatment as introduced with **BH** series. The all-new **LH** styles add the unique sound character of baked **OFC Hepta Strand wire**, which is same times very detailed and silky, to the superb core features.

Please find detailed information on the advantages of different coil technologies on pages 30 to 32. Key words:

Ferrite Cores • OFC-Copper • Solid Core



Body	D	H	M
	Dimensions [mm]		
F2625	26	25	5,2
F3025	30	25	5,3
F3525	35	25	5,3
F4037	40	37	5,6
A5151	51	51	6,4

NEW LH45

DrumCore Coils, litz of wire 7 * 0,45 mm, baked varnish

Cross-section 1,11 mm² \triangle round wire \varnothing 1,19 mm

Inductance [mH] $\pm 3\%$	RDC [Ohm]	Body	[€]
1,0	0,12	F4037	18,90
1,2	0,14	F4037	19,90
1,5	0,16	F4037	20,90
1,8	0,18	F4037	21,90
2,0	0,21	F4037	22,90
2,2	0,21	A5151	25,90
2,7	0,24	A5151	26,90
3,0	0,26	A5151	27,90
3,3	0,27	A5151	29,90
3,9	0,31	A5151	31,90
4,7	0,34	A5151	34,90
5,6	0,40	A5151	37,90
6,8	0,53	A5151	42,90

DrumCore Coils, wire Ø 0,50 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H50	
			[€]	[€]
3,9	0,96	F2625	7,99	
4,7	1,06	F2625	8,19	
5,6	1,14	F2625	8,39	
6,8	1,31	F2625	8,69	
8,2	1,57	F2625	8,99	
10	1,50	F3025	9,99	
12	1,75	F3025	10,90	
15	2,01	F3025	11,90	
18	2,30	F3025	12,90	
22	2,67	F3025	13,90	
27	3,11	F3025	14,90	

DrumCore Coils, wire Ø 0,71 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H71		BH71	
			[€]	[€]	[€]	[€]
1,0	0,22	F2625	6,59	6,59		
1,2	0,25	F2625	6,69	6,69		
1,5	0,29	F2625	6,79	6,79		
1,8	0,33	F2625	6,99	6,99		
2,0	0,35	F2625	7,19	7,19		
2,2	0,37	F2625	7,39	7,39		
2,7	0,43	F2625	7,59	7,59		
3,0	0,46	F2625	7,79	7,79		
3,3	0,50	F2625	7,99	7,99		
3,9	0,51	F3025	8,99	8,99		
4,7	0,58	F3025	9,49	9,49		
5,6	0,67	F3025	9,99	9,99		
6,8	0,65	F3525	10,50	10,50		
8,2	0,75	F3525	10,90	10,90		
10	0,87	F3525	11,90	11,90		
12	1,02	F3525	12,90	12,90		
15	1,15	F4037	15,90	15,90		
18	1,28	F4037	16,90	16,90		
22	1,49	F4037	17,90	17,90		
27	1,68	F4037	18,90	18,90		
33	1,93	F4037	20,90	20,90		
39	2,36	A5151	26,90	26,90		
47	2,80	A5151	28,90	28,90		

DrumCore Coils, wire Ø 1,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H100		BH100	
			[€]	[€]	[€]	[€]
1,0	0,13	F3025	8,99	8,99	10,90	10,90
1,2	0,15	F3025	9,49	9,49	11,50	11,50
1,5	0,17	F3025	9,99	9,99	11,90	11,90
1,8	0,18	F3525	10,50	10,50	12,50	12,50
2,0	0,19	F3525	10,90	10,90	12,90	12,90
2,2	0,20	F3525	11,50	11,50	13,50	13,50
2,7	0,24	F3525	11,90	11,90	13,90	13,90
3,0	0,26	F3525	12,90	12,90	14,90	14,90
3,3	0,27	F4037	15,90	15,90	17,90	17,90
3,9	0,30	F4037	16,90	16,90	18,50	18,50
4,7	0,34	F4037	17,90	17,90	18,90	18,90
5,6	0,39	F4037	18,90	18,90	19,90	19,90
6,8	0,46	F4037	19,90	19,90	21,90	21,90
8,2	0,56	A5151	23,90	23,90	25,90	25,90
10	0,64	A5151	24,90	24,90	26,90	26,90
12	0,72	A5151	26,90	26,90	27,90	27,90
15	0,81	A5151	28,90	28,90	29,90	29,90
18	0,95	A5151	30,90	30,90	31,90	31,90
22	1,10	A5151	32,90	32,90	34,90	34,90

NEW
NEW

DrumCore Coils, wire Ø 1,25 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H125		BH125	
			[€]	[€]	[€]	[€]
0,68	0,09	F3025	10,90	10,90	12,90	12,90
0,82	0,10	F3525	12,50	12,50	13,90	13,90
1,0	0,11	F3525	12,90	12,90	14,90	14,90
1,2	0,12	F3525	13,50	13,50	15,90	15,90
1,5	0,12	F4037	15,90	15,90	18,90	18,90
1,8	0,14	F4037	16,90	16,90	19,90	19,90
2,0	0,15	F4037	17,50	17,50	20,50	20,50
2,2	0,17	F4037	17,90	17,90	20,90	20,90
2,7	0,19	F4037	18,90	18,90	21,90	21,90
3,0	0,20	F4037	19,90	19,90	22,90	22,90
3,3	0,22	F4037	20,90	20,90	23,90	23,90
3,9	0,24	F4037	21,90	21,90	24,90	24,90
4,7	0,27	A5151	26,90	26,90	29,90	29,90
5,6	0,33	A5151	27,90	27,90	31,90	31,90
6,8	0,37	A5151	28,90	28,90	33,90	33,90
8,2	0,42	A5151	29,90	29,90	35,90	35,90
10	0,48	A5151	30,90	30,90	37,90	37,90
12	0,54	A5151	32,90	32,90	39,90	39,90

NEW
NEW
NEW

DrumCore Coils, wire Ø 1,40 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H140		BH140	
			[€]	[€]	[€]	[€]
1,0	0,08	F4037	16,90	16,90	18,90	18,90
1,2	0,09	F4037	17,90	17,90	19,90	19,90
1,5	0,10	F4037	18,90	18,90	20,90	20,90
1,8	0,12	F4037	19,90	19,90	21,90	21,90
2,0	0,13	F4037	20,90	20,90	22,90	22,90
2,2	0,14	F4037	21,90	21,90	23,90	23,90
2,7	0,18	A5151	25,90	25,90	27,90	27,90
3,0	0,19	A5151	26,90	26,90	28,90	28,90
3,3	0,20	A5151	27,90	27,90	29,90	29,90
3,9	0,22	A5151	28,90	28,90	31,90	31,90
4,7	0,25	A5151	29,90	29,90	33,90	33,90
5,6	0,29	A5151	31,90	31,90	35,90	35,90
6,8	0,33	A5151	33,90	33,90	37,90	37,90

NEW
NEW

NEW DrumCore Coils, wire Ø 1,80 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H180		BH180	
			[€]	[€]	[€]	[€]
0,39	0,04	A5151	19,90	19,90	21,90	21,90
0,47	0,05	A5151	20,90	20,90	22,90	22,90
0,56	0,05	A5151	21,90	21,90	23,90	23,90
0,68	0,06	A5151	22,90	22,90	24,90	24,90
0,82	0,06	A5151	23,90	23,90	25,90	25,90
1,0	0,07	A5151	24,90	24,90	26,90	26,90
1,2	0,08	A5151	25,90	25,90	27,90	27,90
1,5	0,09	A5151	26,90	26,90	29,90	29,90
1,8	0,10	A5151	27,90	27,90	30,90	30,90
2,0	0,11	A5151	28,90	28,90	32,90	32,90
2,2	0,12	A5151	29,90	29,90	34,90	34,90