

MCoil Pin Core coils are made from solid core copper wire. They have been specially developed for mid, low and parallel applications, for which compact dimensions and a reasonable price/performance ratio are of essential importance as given for, e.g., adjustment devices or car audio crossovers.

The tonal qualities of the **F** series and its much satisfying music performance can yet be enhanced by Baked Wire Treatment as shown for the **BF** series.

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

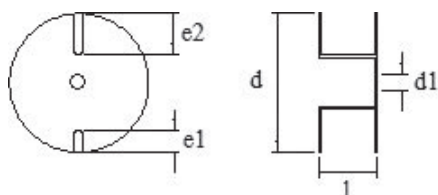
Ferrite Core • OFC-Copper • Solid Core

Technical specifications:

OFC-Copper 99.99%

Coil form: PA, fibre-glass reinforced

Coil body heat resistant up to max. 230°C/446°F



Coil-form	d	l	d1	Dimensions [mm]	
				e1	e2
3020	30	20	4,2	3	9
4020	40	20	4,2	5	12

Pin-core coils, wire Ø 0,50 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	F50	
				[€]
1,0	0,79	3020		4,49
1,2	0,90	3020		4,59
1,5	1,07	3020		4,69
1,8	1,15	3020		4,79
2,0	1,23	3020		4,89
2,2	1,31	3020		4,99
2,7	1,48	3020		5,09
3,0	1,59	3020		5,19
3,3	1,71	3020		5,29
3,9	1,81	3020		5,49
4,7	2,15	3020		5,69
5,6	2,41	3020		5,99
6,8	2,75	3020		6,29
8,2	3,14	3020		6,59
10	3,49	4020		6,99

Pin-core coils, wire Ø 0,71 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	F71		BF71	
				[€]		[€]
1,00	0,46	3020	5,19		6,99	
1,20	0,54	3020	5,29		7,29	
1,50	0,61	3020	5,49		7,69	
1,80	0,73	3020	5,69		7,89	
2,00	0,85	3020	5,89		8,19	
2,20	0,91	3020	6,09		8,49	
2,70	1,01	4020	6,29		8,79	
3,00	1,06	4020	6,49		8,99	
3,30	1,11	4020	6,79		9,29	
3,90	1,28	4020	7,19		9,69	
4,70	1,43	4020	7,49		9,99	
5,60	1,53	4020	7,79		10,50	

Pin-core coils, wire Ø 1,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	F100		BF100	
				[€]		[€]
0,47	0,21	3020	5,89		7,99	
0,56	0,23	4020	6,09		8,29	
0,68	0,26	4020	6,29		8,69	
0,82	0,29	4020	6,49		9,19	
1,0	0,33	4020	6,79		9,79	
1,2	0,39	4020	7,19		10,50	

MCoil Drum-Core coils made from oxygen-free copper (OFC) round-wire have been developed for mid, low and parallel applications for which compact dimensions, a low basic distortion level as well as the lowest possible internal resistance and a reasonable value for money ratio are of key importance.

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 Wire Treatment as introduced with **BH** series.

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

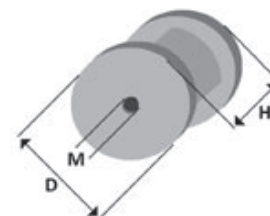
Ferrite Cores • OFC-Copper • Solid Core

Technical specifications:

Core material: HP 3616
OFC-Copper 99.99%



Body	Dimensions [mm]		
	D	H	M
2625	26	25	5,2
3525	35	25	5,2
4038	40	38	4,8
5635	56	35	4,2



Drum-core coils, wire Ø 0,50 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H50
			[€]
4,7	1,08	2625	5,49
5,6	1,22	2625	5,69
6,8	1,36	2625	5,99
8,2	1,54	2625	6,29
10	1,78	3525	8,49
12	1,98	3525	8,69
15	2,32	3525	8,89
18	2,62	3525	9,19
22	3,03	3525	9,49
27	3,38	3525	9,79

Drum-core coils, wire Ø 0,71 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H71	BH71
			[€]	[€]
1,0	0,24	2625	5,59	7,29
1,2	0,26	2625	5,69	7,39
1,5	0,30	2625	5,79	7,59
1,8	0,33	2625	5,89	7,69
2,0	0,35	2625	5,99	7,79
2,2	0,38	2625	6,09	7,89
2,7	0,44	2625	6,19	8,09
3,0	0,47	2625	6,29	8,29
3,3	0,50	2625	6,39	8,49
3,9	0,56	2625	6,49	8,69
4,7	0,68	3525	8,59	10,50
5,6	0,76	3525	8,79	10,90
6,8	0,85	3525	8,99	11,50
8,2	0,97	3525	9,19	11,90
10	0,87	4038	10,90	13,50
12	0,98	4038	11,50	13,90
15	1,15	4038	11,90	14,50
18	1,28	4038	12,50	14,90
22	1,49	4038	12,90	15,90
27	1,68	4038	13,50	17,50
33	1,93	4038	13,90	18,90

Drum-core coils, wire Ø 1,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H100	BH100
			[€]	[€]
1,0	0,15	2625	6,49	8,49
1,2	0,18	3525	8,49	10,50
1,5	0,20	3525	8,79	10,70
1,8	0,23	3525	9,09	10,90
2,0	0,20	4038	10,50	12,50
2,2	0,21	4038	10,90	12,90
2,7	0,24	4038	11,50	13,50
3,0	0,25	4038	11,90	13,90
3,3	0,27	4038	12,50	14,50
3,9	0,30	4038	12,90	14,90
4,7	0,34	4038	13,50	15,50
5,6	0,39	4038	13,90	15,90
6,8	0,46	4038	14,50	16,50
8,2	0,54	4038	14,90	17,50
10	0,64	5635	17,90	20,90
12	0,71	5635	18,90	21,90
15	0,83	5635	19,90	22,90

Drum-core coils, wire Ø 1,12 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H112	BH112
			[€]	[€]
8,2	0,49	5635	19,90	23,90

Drum-core coils, wire Ø 1,25 mm

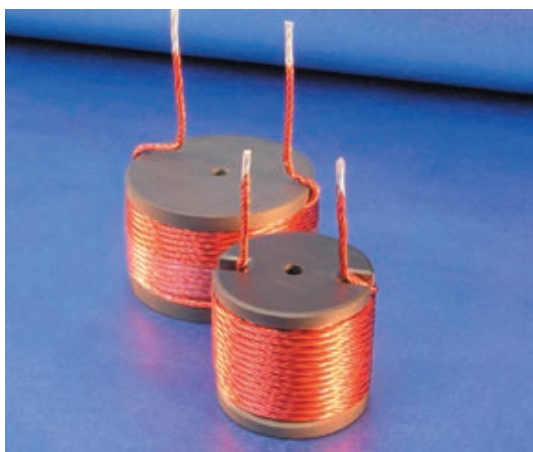
Inductance [mH] ±3%	RDC [Ohm]	Body	H125	H125
			[€]	[€]
6,8	0,37	5635	19,90	23,90

Drum-core coils, wire Ø 1,32 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H132	BH132
			[€]	[€]
5,6	0,31	5635	19,90	23,90

Drum-core coils, wire Ø 1,40 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	H140	BH140
			[€]	[€]
1,0	0,08	4038	11,50	13,90
1,2	0,09	4038	11,90	14,50
1,5	0,11	4038	12,50	14,90
1,8	0,12	4038	12,90	15,50
2,0	0,13	4038	13,50	15,90
2,2	0,14	4038	13,90	16,50
2,7	0,17	5635	17,90	20,50
3,0	0,18	5635	18,50	20,90
3,3	0,19	5635	18,90	21,90
3,9	0,22	5635	19,50	22,90
4,7	0,25	5635	19,90	23,90



LH60

Drum-core coils, litz of wire 7 * 0,60 mm, baked varnish

Cross-section 1,98 mm² \triangle round wire Ø 1,59 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	[€]
0,10	0,02	4038	10,90
0,12	0,02	4038	10,90
0,15	0,03	4038	11,50
0,18	0,03	4038	11,50
0,22	0,03	4038	11,90
0,27	0,04	4038	11,90
0,33	0,04	4038	12,50
0,39	0,04	4038	12,50
0,47	0,05	4038	12,90
0,56	0,06	4038	12,90
0,68	0,06	4038	15,90
0,82	0,07	4038	18,90
1,0	0,09	5635	23,90
1,2	0,10	5635	25,90

Drum-core coils made from baked varnish litz-wire

MCoil Drum Core hepta strand coils combine both the low level basic distortion and the low internal resistance of Ferrite core coils with the great stereophonic space of a tightly cemented reel, alongside the typical tonal warmth, fluidity and brightness of OFC copper strands.

They are therefore first choice for high quality mid frequency applications which require a detailed, utmost refined and smooth music performance at compact dimensions and low internal resistance.

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

Ferrite Cores • OFC-Copper • Hepta Strand

Technical specifications:

OFC-Copper 99.99%
Core material: HP3616