

MCoil's transformer-core coils combine both lowest distortion rate and precise pulse signal with low internal resistance, even under highest output levels. Therefore they have been the benchmark for extremely precise and powerful but deep bass performance for more than 25 years!

We are very pleased to present a completely revised and expanded model series, now meeting frequent customer requests for smaller dimensions, too.

The outstanding features of this series can be considerably enhanced yet by the application of Baked Wiring Treatment or Vacuum Impregnation.

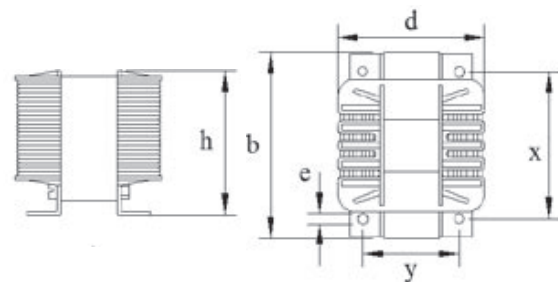
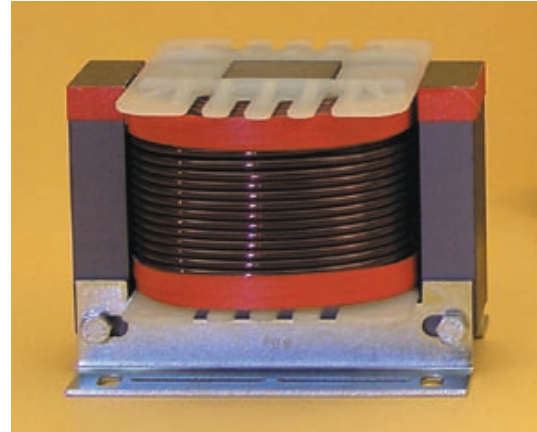
Baked Wiring Treatment is marked **BT** in the following table. Vacuum impregnated coils are marked **VT**.

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

Feron Core • OFC-Copper • Solid Core

Technical specifications:

Core material: FERON
Grain-oriented silicon iron 0.35 mm
OFC-Copper 99.99% pure



Body	b	h	d	x	y	e
	Dimensions (mm)					
T66	66	52	56	51	45	4,8
T84	84	60	59,5	65	48	4,8
T96	96	69	76,1	85	62	5,8
T106	106	81	88	84	56	5,8
T130	130	100	106	104	73	5,8
T150	150	115	121	130	87	7

BT100

Transformer-core coils, baked varnish wire Ø 1,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	[€]
10	0,74	T84	50,90
12	0,81	T84	51,90
15	0,90	T84	52,90
18	1,04	T84	53,90
22	1,14	T84	54,90

BT140

Transformer-core coils, baked varnish wire Ø 1,40 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	[€]
1,0	0,11	T66	34,90
1,2	0,12	T66	35,50
1,5	0,13	T66	35,90
1,8	0,14	T66	36,50
2,0	0,11	T84	47,90
2,2	0,12	T84	48,90
2,7	0,17	T84	49,90
3,0	0,19	T84	50,90
3,3	0,22	T84	51,90
3,9	0,25	T96	61,90
4,7	0,27	T96	62,90
5,6	0,30	T96	63,90
6,8	0,32	T96	64,90
8,2	0,35	T96	65,90
10	0,39	T96	67,50
12	0,45	T96	68,90

BT125

Transformer-core coils, baked varnish wire Ø 1,25 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	[€]
2,0	0,19	T66	35,90
2,2	0,21	T66	36,50
2,7	0,23	T66	36,90
3,0	0,24	T66	37,50
3,3	0,27	T84	49,90
3,9	0,29	T84	50,90
4,7	0,31	T84	51,90
5,6	0,34	T84	52,90
6,8	0,39	T84	53,90
8,2	0,43	T84	54,90
10	0,49	T96	65,90
12	0,55	T96	66,90
15	0,61	T96	68,50
18	0,67	T96	69,90
22	0,76	T96	71,90

Transformer-core coils, wire Ø 2,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	T200	VT200
			[€]	[€]
0,47	0,05	T84	49,50	64,50
0,56	0,05	T84	49,90	64,90
0,68	0,06	T84	50,50	65,50
0,82	0,06	T84	50,90	65,90
1,0	0,07	T84	51,90	66,90
1,2	0,08	T84	52,90	67,90
1,5	0,09	T84	53,90	68,90
1,8	0,08	T96	61,90	76,90
2,0	0,09	T96	63,50	78,50
2,2	0,09	T96	64,90	79,90
2,7	0,10	T96	66,50	81,50
3,0	0,11	T96	67,90	82,90
3,3	0,10	T106	71,50	86,50
3,9	0,11	T106	73,50	88,50
4,7	0,14	T106	75,90	90,90
5,6	0,15	T106	78,50	93,50
6,8	0,18	T106	80,90	95,90
8,2	0,20	T106	83,50	98,50
10	0,22	T106	85,90	100,90
12	0,23	T130	95,90	110,90
15	0,28	T130	99,90	114,90
18	0,33	T130	104,90	119,90
22	0,37	T130	109,90	124,90
27	0,41	T130	116,90	131,90
33	0,48	T130	123,90	138,90
39	0,48	T150	151,90	166,90
47	0,58	T150	162,90	177,90

Transformer-core coils, wire Ø 2,50 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	T250	VT250
			[€]	[€]
1,0	0,04	T96	74,90	89,90
1,2	0,04	T96	76,90	91,90
1,5	0,05	T96	78,90	93,90
1,8	0,05	T96	80,90	95,90
2,0	0,06	T106	87,90	102,90
2,2	0,07	T106	89,90	104,90
2,7	0,07	T106	91,90	106,90
3,0	0,08	T106	93,90	108,90
3,3	0,08	T106	95,90	110,90
3,9	0,09	T106	98,90	113,90
4,7	0,08	T130	103,90	118,90
5,6	0,09	T130	107,90	122,90
6,8	0,12	T130	112,90	127,90
8,2	0,14	T130	117,90	132,90
10	0,16	T130	124,90	139,90
12	0,19	T130	131,90	146,90
15	0,17	T150	154,90	169,90
18	0,22	T150	167,50	182,50
22	0,25	T150	179,90	194,90

Transformer-core coils, wire Ø 3,00 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	T300	VT300
			[€]	[€]
1,0	0,03	T106	84,90	104,90
1,2	0,03	T106	88,90	109,90
1,5	0,04	T106	91,50	114,90
1,8	0,04	T106	93,90	119,90
2,0	0,05	T130	104,90	129,90
2,2	0,05	T130	106,90	134,90
2,7	0,06	T130	109,50	139,90
3,0	0,06	T130	111,90	144,90
3,3	0,07	T130	114,90	149,90
3,9	0,07	T130	117,90	154,90
4,7	0,08	T130	121,90	159,90
5,6	0,09	T130	126,90	164,90
6,8	0,10	T150	159,90	194,90
8,2	0,11	T150	167,60	199,90
10	0,12	T150	174,90	204,90
12	0,13	T150	182,50	214,90
15	0,15	T150	189,90	224,90

Transformer-core coils, wire 6 * 2 mm

Inductance [mH] ±3%	RDC [Ohm]	Body	T390	VT390
			[€]	[€]
1,0	0,03	T130	149,90	164,90
1,2	0,03	T130	152,50	167,50
1,5	0,03	T130	154,90	169,90
1,8	0,04	T130	157,50	172,50
2,0	0,04	T130	159,90	174,90
2,2	0,04	T150	179,90	194,90
2,7	0,05	T150	184,90	199,90
3,0	0,05	T150	189,90	204,90
3,3	0,05	T150	194,90	209,90
3,9	0,06	T150	199,90	214,90

MCoil transformer-core coils from copper foil combine both the natural dynamic fidelity and typical tonal transparency of OFC foil with the remarkable performance precision of Feron core coils, particularly, at the lowest frequency range.

They are specially developed for an extended ultra-low bass performance at the highest performance level with incredible precision and pulse signal fidelity. Altogether with its low internal resistance rate this coil type is most definitely first choice for high quality subwoofer applications.

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

Feron Core • OFC-Copper • Foil coils

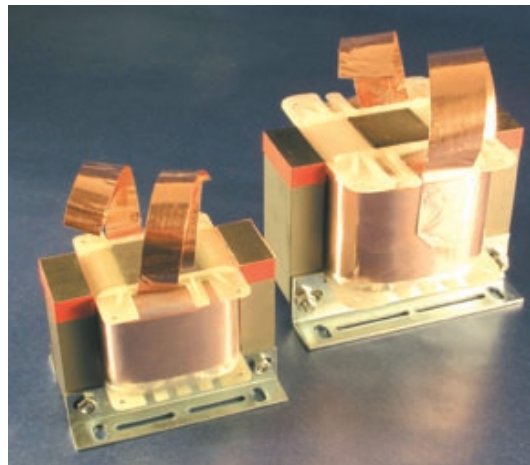
Technical specifications:

Core material: FERON

Corroded silicon iron 0.35mm

Cu foil: 70 μ / OFC copper with 99.997% pureness

Insulation: polypropylene 20 μ



CFT14

Transformer-core coils, foil 28 mm

cross-section = 2,08 mm², Δ round wire \varnothing 1,63 mm

Inductance [mH] \pm 3%	RDC [Ohm]	Body	[€]
1,0	0,10	T84	54,90
1,2	0,12	T84	55,90
1,5	0,13	T84	56,90
1,8	0,15	T84	57,90
2,0	0,16	T84	58,90
2,2	0,17	T84	59,90

CFT12

Transformer-core coils, foil 44 mm

cross-section = 3,30 mm², Δ round wire \varnothing 2,05 mm

Inductance [mH] \pm 3%	RDC [Ohm]	Body	[€]
2,7	0,13	T106	84,90
3,0	0,15	T106	86,90
3,3	0,17	T106	88,90
3,9	0,19	T106	91,90
4,7	0,21	T106	94,90
5,6	0,22	T106	98,90
6,8	0,25	T106	102,90