Fidelity Components
FERON-Core coils

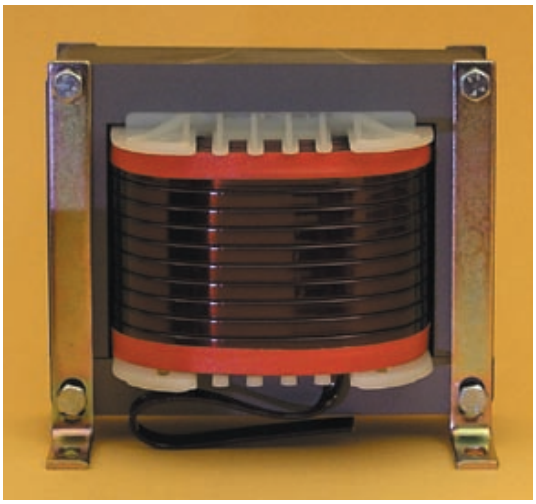
Our **Zero Ohm Coil (ZOC)** not only is a remarkable milestone in our +25 years lasting company history but certainly a true milestone within the field of audiophile coil technology in general, too. As back then, today, the ZOC is still to set the standards for the utmost musical fidelity in all respects considering a convincingly performed low frequency spectrum in subtle coloration.

They were specially developed for low frequency applications for which maximum performance fidelity, tonal neutrality and the smallest possible internal resistance are of primary importance. That way, these coils also enable the high efficiency of today's High End loudspeakers to be optimally enhanced, even with low-output single-ended tube applications.

Moreover, we are pleased to present a completely revised and expanded model series, which now meets numerous customer requests for smaller dimensions, too.

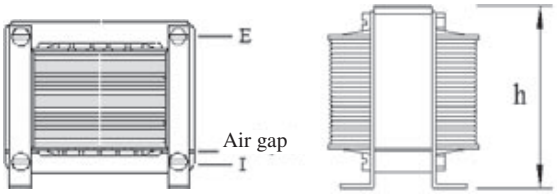
The excellent qualities of the **N** series with its transparency and musical authenticity can yet be further enhanced by applying Baked Wire Treatment. Same applies for vacuum impregnated ZOCs made from copper round wires with larger conductor cross sections.

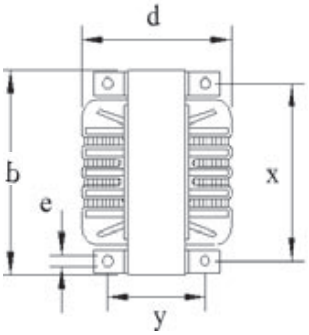
Baked Wire Treatment featuring coils are listed as **BN** in the following table, vacuum impregnated coils are marked **VN**.



Please find detailed information on the advantages of different coil technologies on pages 30 to 32. Key words:
Feron Core ZOC • 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)					
N42	42	38	30	35		4,8
N66	66	61	63	54	48	4,8
N84	84	76	70	72	57	4,8
N96	96	86	84	80	69	5,8
N106	106	93	87	95	67	5,8
N130	130	115	97	78	114	5,8
N150	150	131	121	135	86	7

Fidelity Components
FERON-Core coils

BN100

Zero-ohm coils, baked varnish wire Ø 1,00 mm

Inductance [mH] ±5%	RDC [Ω]	Body	[€]
0,56	0,10	N42	29,90
0,68	0,11	N42	29,90
0,82	0,12	N42	29,90
1,0	0,14	N42	29,90
1,2	0,16	N42	29,90
5,6	0,35	N66	41,90
6,8	0,39	N66	42,50
8,2	0,43	N66	42,90
10	0,48	N66	43,50
12	0,53	N66	43,90
15	0,61	N66	44,50
27	0,87	N84	66,90
33	0,94	N84	67,90

BN125

Zero-ohm coils, baked varnish wire Ø 1,25 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
0,22	0,05	N42	29,90
0,27	0,06	N42	29,90
0,33	0,06	N42	29,90
0,39	0,07	N42	29,90
0,47	0,07	N42	29,90
3,3	0,18	N66	43,50
3,9	0,20	N66	43,90
4,7	0,23	N66	44,50
15	0,41	N84	69,90
18	0,46	N84	71,50
22	0,51	N84	72,90
27	0,57	N96	83,50
33	0,64	N96	84,90

BN140

Zero-ohm coils, baked varnish wire Ø 1,40 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
0,10	0,03	N42	29,90
0,12	0,03	N42	29,90
0,15	0,04	N42	29,90
0,18	0,04	N42	29,90
0,22	0,05	N66	39,90
0,27	0,05	N66	39,90
0,33	0,06	N66	40,50
0,39	0,06	N66	40,50
0,47	0,06	N66	40,50
0,56	0,07	N66	40,90
0,68	0,07	N66	40,90
0,82	0,07	N66	40,90
1,0	0,08	N66	41,50
1,2	0,08	N66	41,50
1,5	0,09	N66	41,50
1,8	0,10	N66	41,90
2,0	0,11	N66	42,50
2,2	0,12	N66	42,90
2,7	0,13	N66	43,50
3,0	0,14	N66	43,90
3,3	0,15	N84	62,90
3,9	0,16	N84	63,90
4,7	0,17	N84	64,90
5,6	0,19	N84	65,90
6,8	0,22	N84	66,90
8,2	0,24	N84	67,90
10	0,28	N84	68,90
12	0,30	N84	69,90
15	0,33	N96	78,90
18	0,37	N96	80,90
22	0,46	N96	83,90

Zero-ohm coils, wire Ø 2,50 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	**N250** [€]	**VN250** [€]
3,9	0,04	N96	89,90	104,90
4,7	0,04	N96	89,90	104,90
5,6	0,04	N96	89,90	104,90
6,8	0,09	N106	99,90	114,90
8,2	0,09	N106	99,90	114,90
10	0,09	N106	99,90	114,90
12	0,15	N130	159,90	174,90
15	0,15	N130	159,90	174,90
18	0,15	N130	159,90	174,90
22	0,21	N130	159,90	174,90
27	0,21	N130	159,90	174,90
33	0,22	N130	159,90	174,90

Zero-ohm coils, wire Ø 3,00 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	**N300** [€]	**VN300** [€]
1,0	0,03	N96	89,90	104,90
1,2	0,03	N96	89,90	104,90
1,5	0,03	N96	89,90	104,90
1,8	0,03	N96	89,90	104,90
2,0	0,03	N96	89,90	104,90
2,2	0,03	N96	89,90	104,90
2,7	0,03	N96	89,90	104,90
3,0	0,03	N96	89,90	104,90
3,3	0,03	N96	89,90	104,90
3,9	0,05	N106	99,90	114,90
4,7	0,05	N106	99,90	114,90
5,6	0,05	N106	99,90	114,90
6,8	0,06	N130	159,90	174,90
8,2	0,06	N130	159,90	174,90
10	0,09	N130	159,90	174,90
12	0,09	N130	159,90	174,90
15	0,09	N130	159,90	174,90
18	0,09	N130	159,90	174,90
22	0,14	N150	219,90	234,90
27	0,14	N150	219,90	234,90
33	0,14	N150	219,90	234,90

Zero-ohm coils, wire 6 * 2 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	**N390** [€]	**VN390** [€]
1,0	0,02	N106	109,90	124,90
1,2	0,02	N106	109,90	124,90
1,5	0,02	N106	99,90	114,90
1,8	0,02	N106	99,90	114,90
2,0	0,02	N106	99,90	114,90
2,2	0,02	N106	99,90	114,90
2,7	0,02	N106	99,90	114,90
3,0	0,02	N106	99,90	114,90
3,3	0,02	N106	99,90	114,90
3,9	0,04	N130	159,90	174,90
4,7	0,04	N130	159,90	174,90
5,6	0,04	N130	159,90	174,90
6,8	0,04	N130	159,90	174,90
8,2	0,04	N130	159,90	174,90
10	0,05	N150	219,90	234,90
12	0,05	N150	219,90	234,90
15	0,05	N150	219,90	234,90
18	0,05	N150	219,90	234,90
22	0,05	N150	219,90	234,90

Fidelity Components
FERON-Core coils

Our **Zero Ohm Coil (ZOC)** made from copper foil impressively combines the outstanding natural music performance of extremely low ohm Feron ZOC cores with the finely detailed musical texture and multifaceted richness of OFC copper foil.

These coils were specially developed for low frequency applications which do not focus on maximum capacity, but rather exceptional performance quality, micro-dynamics and outstanding technical properties such as matching perfectly with highly-efficient loudspeakers specially designed for low-power, single-ended tube-amplifiers.

Please find detailed information on the advantagesof the different coils technologies on pages 30 to 32. Key words:
Feron Core ZOC • OFC-Copper • Foil coils

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

CFN14
Zero-ohm coils, foil 28 mm
Cross-section = 1.96 mm², ≙ round wire Ø 1.58 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
2,7	0,15	N84	72,90
3,0	0,15	N84	72,90
3,3	0,15	N84	72,90
3,9	0,18	N84	74,90
4,7	0,18	N84	74,90
5,6	0,18	N84	74,90
6,8	0,18	N84	74,90

CFN12
Zero-ohm coils, foil 44 mm
Cross-section = 3.08 mm², ≙ round wire Ø 1.98 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
8,2	0,21	N106	129,90
10	0,21	N106	129,90
12	0,25	N106	134,90
15	0,25	N106	134,90
18	0,25	N106	134,90
22	0,25	N106	134,90
27	0,25	N106	134,90

Our **Zero Ohm Coil (ZOC)** made from silver foil combines the exceptional conductivity of silverfoil with the minimal internal resistance of Feron ZOC cores as described on page 48.

The exceptional acoustic qualities of the SFN series can yet be further enhanced by adding 1% of the purest gold to making in the ultimate SGFN series.

Please find detailed information on the advantages of different coil technologies on pages 30 to 32.
Key words: Feron Core NOS • Silver/SilverGold • Foil coils

SFN14
Zero-ohm coils, silver-foil 28 mm
Cross-section = 1.96 mm², ≙ round wire Ø 1.58 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
2,7	0,14	N84	
3,0	0,14	N84	on request
3,3	0,14	N84	
3,9	0,17	N84	
4,7	0,17	N84	
5,6	0,17	N84	
6,8	0,17	N84	

SGFN14
Zero-ohm coils, silver/gold-foil 28 mm
Cross-section = 1.96 mm², ≙ round wire Ø 1.58 mm

Inductance [mH] ±5%	RDC [Ohm]	Body	[€]
2,7	0,14	N84	
3,0	0,14	N84	on request
3,3	0,14	N84	
3,9	0,17	N84	
4,7	0,17	N84	
5,6	0,17	N84	
6,8	0,17	N84	

Fidelity Components
FERON-Core coils

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!

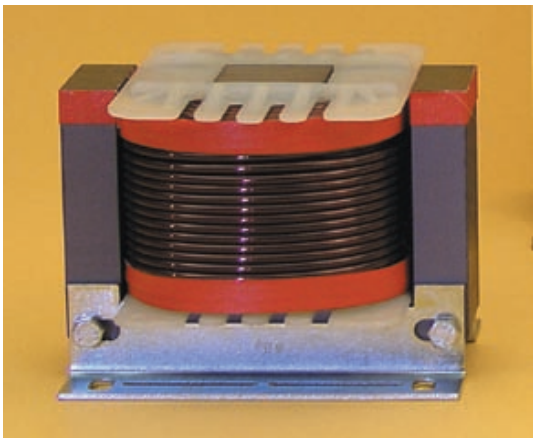
We are very pleased to present a completely revised and expanded model series, now meeting frequent customer requests for smaller dimensions, too.

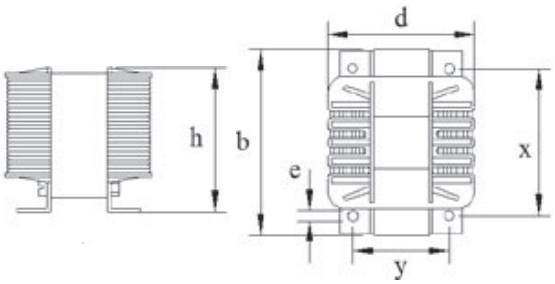
The outstanding features of this series can be considerably enhanced yet by the appliance of Baked Wiring Treatment or Vacuum Impregnation.

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

Fidelity Components
FERON-Core coils

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

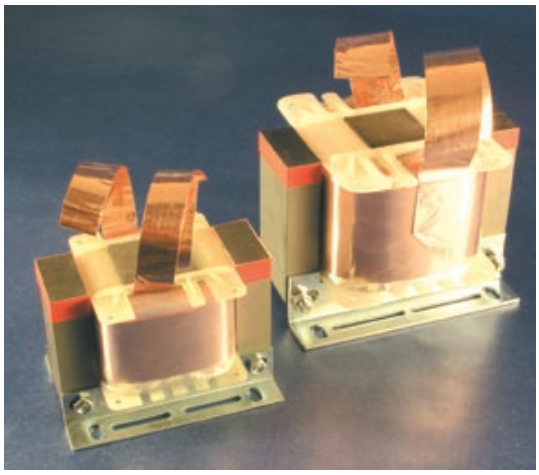
Inductance [mH] ±3%	RDC [Ohm]	Body	T390 [€]	VT390 [€]
1,0	0,03	T130	149,90	164,90
1,2	0,03	T130	152,50	167,50
1,5	0,03	T130	154,90	169,90
1,8	0,04	T130	157,50	172,50
2,0	0,04	T130	159,90	174,90
2,2	0,04	T150	179,90	194,90
2,7	0,05	T150	184,90	199,90
3,0	0,05	T150	189,90	204,90
3,3	0,05	T150	194,90	209,90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

Fidelity Components
FERON-Core coils

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 perfomance 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, ≙ round wire Ø 1,63 mm

Inductance [mH] ±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, ≙ round wire Ø 2,05 mm

Inductance [mH] ±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