

MCoil News

After a long and intensive phase of development and preparation, we are glad to introduce a variety of all-new Mundorf inductors.

New Wires...available immediately and suitable for diverse cores.

OFC-Copper HeptaStrand self-bonding 7x0.45mm \cong round-wire \varnothing 1.20mm · AWG17

OFC-Copper SolidCore self-bonding \varnothing 1.80mm · AWG13

OFC-Copper SolidCore round-wire \varnothing 2.36mm · AWG11

The new thinner HeptaStrand wire allows, amongst others, unique but compact air-coils for tweeters and cored-coils for mid-woofers with reasonable price/performance-ratio.

MCoils from 1.80mm self-bonding wire are, at slightly increased RDC-values, the budget and space saving alternative to (vacuum-impregnated) 2.00mm wire coils.

MCoils from 2.36mm wire ideally fill the gap between 1.80 and 3.00mm wire coils.

Update PipeCore Coils...with handy mounting hole.

FERRITE P-core F3023 M4

FERRITE P-core F4023 M4

ARONIT P-core A4530 M5

In 2016 we have introduced geometrically optimized, electrically identical ARONIT pipe-core coils with M5 hole as series P · BP, superseding the rod-core series A · BA. Almost at same time, we have replaced our pin-cores by electrically identical FERRITE pipe-cores with M4 hole for series F · BF, too. Today we are happy to record and publish this neat improvement by merging all MCoil PipeCore into series P · BP.

New DrumCore Coils...with excellent breakage resistance and surface finish.

FERRITE drum-core F2625 M5

FERRITE drum-core F3025 M5

FERRITE drum-core F3525 M5

FERRITE drum-core F4037 M5

ARONIT drum-core A5151 M6 · **Highlight | Innovation of the Year**

These superb drum-cores are already in use for some weeks now. The all-new, high-load core A5151 M6 replaces the core F5635 M4 (which is still used on customer request) and allows higher inductances. For example H125 · BH125 up to 12mH instead of before 6.8, H140 · BH140 up to 6.8mH instead of 4.7 or H180 up to 2.2mH and LH45 up to 6.8mH. Thus this drum-core can also make you forget the obsolete very large ARONIT rod-cores.

Overview | Summary of new standard types

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|--------------|--|---|---|---|
| BL180 | 0.10 up to 0.18mH @ 5818 up to 1.2mH @ 7728 | up to 0.22mH @ 5822 up to 2.7mH @ 7059 | up to 0.39mH @ 5828 up to 3.9mH @ 106 | up to 0.82mH @ 7029 up to 12mH @ 130 |
| L236 · VL236 | 0.10 up to 0.15mH @ 5828 up to 1.5mH @ 106 | up to 0.27mH @ 7029 up to 3.9mH @ 130 | up to 0.39mH @ 7728 up to 8.2mH @ 150 | up to 1.0mH @ 7059 up to 18mH @ 170 |
| LL45 | 0.10 up to 0.18mH @ 4020 up to 2.0mH @ 7029 | up to 0.39mH @ 5818 up to 3.0mH @ 7728 | up to 0.56mH @ 5822 up to 6.8mH @ 7059 | up to 1.0mH @ 5828 |
| BT180 | 1.0 up to 2.0mH @ T84 | up to 4.7mH @ T96 | up to 15mH @ T106 | up to 47mH @ T130 |
| T236 · VT236 | 1.0 up to 1.8mH @ T96 | up to 5.6mH @ T106 | up to 18mH @ T130 | up to 33mH @ T150 |
| BN180 | 2.2 up to 3.9mH @ N84 | up to 12mH @ N96 | up to 33mH @ N106 | |
| N236 · VN236 | 1.0 up to 1.8mH @ N84 | up to 4.7mH @ N96 | up to 12mH @ N106 | up to 33mH @ N130 |
| BS180 | 1.0 up to 3.3mH @ S106 | up to 8.2mH @ S130 | up to 47mH @ S150 | |
| H50 | 3.9 up to 8.2mH @ F2625 | up to 27mH @ F3025 | | |
| H71 · BH71 | 1.0 up to 3.3mH @ F2625 | up to 5.6mH @ F3025 | up to 12mH @ F3525 | up to 27mH @ F4037 |
| H100 · BH100 | 1.0 up to 1.5mH @ F3025 | up to 3.0mH @ F3525 | up to 6.8mH @ F4037 | up to 22mH @ A5151 |
| H125 · BH125 | 1.0 up to 1.2mH @ F3525 | up to 4.7mH @ F4037 | up to 12mH @ A5151 | |
| H140 · BH140 | 1.0 up to 2.2mH @ F4037 | up to 6.8mH @ A5151 | | |
| H180 | 0.39 up to 2.2mH @ A5151 | | | |
| LH45 | 1.0 up to 2.0mH @ F4037 | up to 6.8mH @ A5151 | | |
| P50 | 2.7 up to 22mH (formerly F50 1.0 up to 10mH) | | | |
| P71 · BP71 | 0.68 up to 12mH (formerly F71 · BF71 1.0 up to 4.7mH and A71 · BA71 5.6 up to 12mH) | | | |
| P100 · BP100 | 0.27 up to 4.7mH (formerly F100 · BF100 0.27 up to 1.2mH and A100 · BA100 2.2 up to 4.7mH) | | | |
| P125 · BP125 | 1.2 up to 2.0mH (formerly A125 · BA125 1.2 up to 1.8mH) | | | |
| P140 · BP140 | 0.47 up to 1.0mH (formerly A140 · BA140 0.39 up to 1.0mH) | | | |