

NEW: CoolBLUE high μ cores with higher permeability of 60k@10kHz



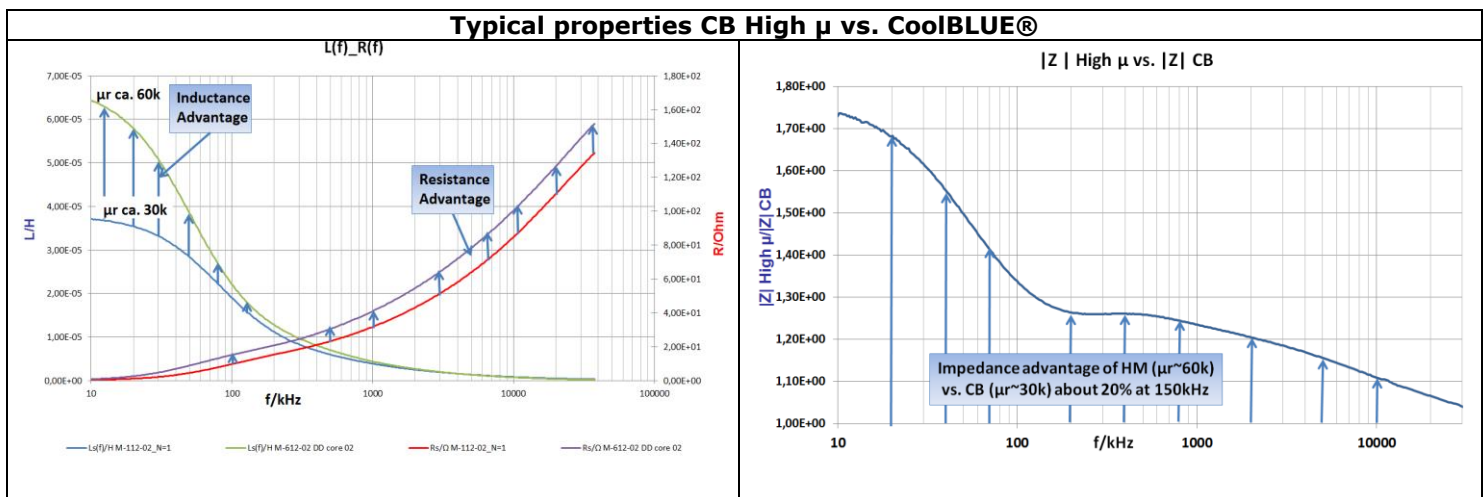
With the CoolBLUE® High μ typeline **MAGNETEC** offers an extension of the established CoolBLUE® cores with higher permeability for applications with low common mode currents and usage for transformer cores.

See www.magnetec.de for CoolBLUE® product infosheet.

See also CoolBLUE(+) PLUS
CoolBLUE® Low μ
CoolBLUE® CC
CoolBLUE® MS holder kit

Types	Nominal dimensions do x di x h [mm]	Finished dimensions Do _{max} X Di _{min} X H _{max} [mm]	l _{fe} [cm]	a _{fe} [cm ²]	AL @ 10kHz [μ H]	AL @ 100kHz [μ H]	Is* [Apk]
M-612	63x50x30	68x44x36	17,67	1,35	43,7-87,3	>15	2,3
M-613	80x63x30	85x57x35,5	22,04	1,76	45,8-91,5	>15,5	3
M-614	100x80x30	105x75x35	27,84	2,07	42,4-84,3	>14,5	3,8
M-615	130x100x30	135x94x34	35,92	3,10	48,0-95,8	>16,3	4,8
M-616	160x130x30	165x123x34	45,08	3,10	37,7-75,3	>13,0	6
M-617	200x175x30	208x166x37	58,5	2,59	24,9-49,8	>8,5	7,8
M-618	300x250x30	309x240x39	85,8	4,9	30-60	>10,5	11,5

Only for information, no guaranteed values/*without engagement, "quasi saturation current" @ =1,0T/ μ nom/N=1



Our **NANOPERM® CoolBLUE high μ** cores offers following benefits:

- **Double of the permeability in comparison with CoolBLUE® core**
- **About 20% higher impedance at 150kHz, see curve**
- **providing a high impedance as the CB**

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