

NEW: **Coo/BLUE (+) PLUS** cores with improved HF performance



With the **Coo/BLUE(+)** PLUS typeline **MAGNETEC** offers an extension of the established **Coo/BLUE®** cores with improvements regarding the losses and impedance for high frequency applications.

See www.magnetec.de for product infosheets:

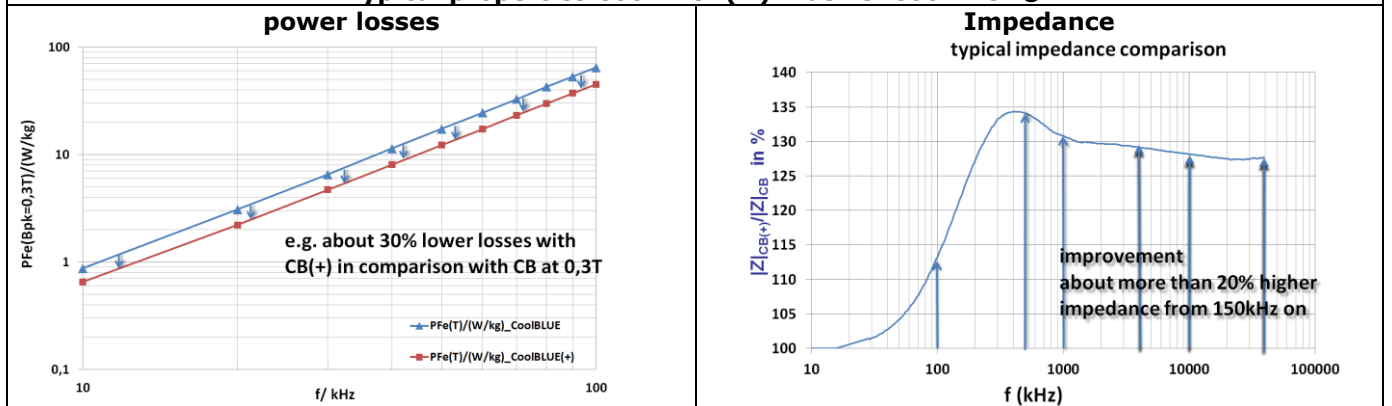
- Coo/BLUE®**
- Coo/BLUE® High μ**
- Coo/BLUE® Low μ**
- Coo/BLUE® CC**
- Coo/BLUE® MS holder kit**

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-112(+)	63x50x30	68x44x36	17,7	1,4	23,3-46,6	>15,1	4,5
M-113(+)	80x63x30	85x57x35,5	22,4	1,9	24,1-48,2	>15,6	6,0
M-114(+)	100x80x30	105x75x35	28,2	2,3	22,5-45,0	>14,6	7,5
M-115(+)	130x100x30	135x94x34	35,9	3,3	24,6-52,9	>16,0	9,5
M-116(+)	160x130x30	165x123x34	45,4	3,24	20,9-45,0	>13,5	12
M-117(+)	200x175x30	208x166x37	58,8	2,7	12,3-24,6	>8,0	15,5

Only for information, no guaranteed values

*without engagement, "quasi saturation current" @ B=1,0T/ μ nom/N=1

Typical properties **Coo/BLUE(+)** Plus vs. **Coo/BLUE®**



The **NANOPERM® Coo/BLUE (+) PLUS** cores offers following benefits:

- **Lower power losses**
- **advanced EMI suppression over a wide frequency range**
- **providing a high impedance at high frequency**

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