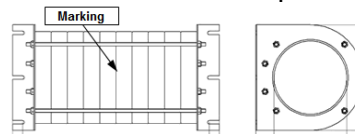


NANOPERM® CoolTUBE® drives a 😊 through your unshielded motorcable



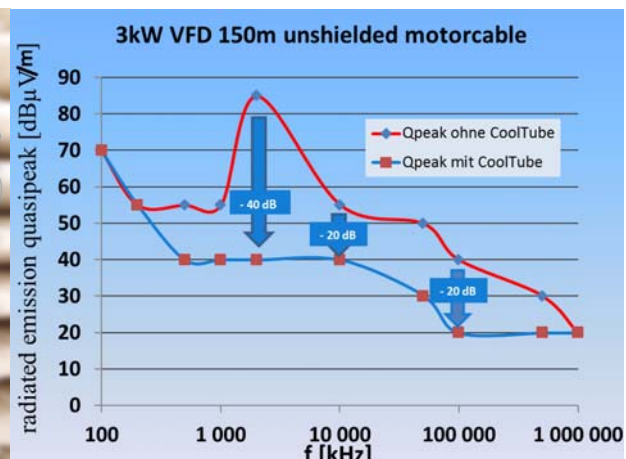
MAGNETEC designed a Nanocrystalline core set for replacing the shielding of motorcables. To do that, put the **CoolTUBE** over the L1+L2+L3 cable without N and PE. This **CoolTUBE** absorbs the high frequency noise before it can radiates through the cable. So unshielded motor cables can be used together with VFDs. Each single **CoolTUBE** can handle up to 50 m motor cable. If you have 150 m motor cable you have to use 3 etc. **CoolTUBE** can handle up to 1,2 MW Motors.



See www.magnetec.de for further product information sheets. See [video](#) about the function of CoolTUBE.

Types	Power range [kW]	Nominal dim. do x di x h [mm]	Finished dim Do _{max} xDi _{min} xH _{max} [mm]	l _{fe} [cm]	a _{fe} [cm ²]	I _{sat} * [Apk]
M-1207	7	30x20x100	33,7x16,8x135	7,8	3,8	8
M-1230	30	50x40x200	53,4x36,6x235	14,1	7,3	15
M-1275	75	80x63x300	86x58x360	22,2	19,0	20
M-1231	315	160x130x300	165x123x340**	45,4	32,4	30
M-1212	1200	200x175x300	208x168x370**	58,0	27,2	40

Only for information, no guaranteed values *without engagement, "quasi saturation current"@ ** with holder MAGNETEC MS B=1,0T/umom/N=1; For all information no liability assumed.



The **NANOPERM® CoolTUBE®** offers following benefits:

- **Special design for easy installation**
- **CoolTUBE® absorbs the high frequency noise**
- **Already existing unshielded motor cables can be used with VFD**

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