



Tel: +36 (1) 950-5476, +36 (30) 9193-171
Fax: +36 (1) 950-5476, *E-mail:* info@bl-electronics.hu
Address: H-2167, Vácduka, Pálya u. 1.

MAG-L search coil

developed by
BL-Electronics

MAG-L search coil

The MAG-L was designed for VLF signal receiving in the 300Hz – 20kHz band.

Technical parameters:

Transfer function:	see figure 2.
Gain:	80mV/nT
Output impedance:	Ω
Load impedance:	50 Ω
Size (mm):	296(L)*62(\varnothing)
Input voltage	12V \pm 1V
Input current	11mA
Noise @10kHz	6fT/Hz ^{-1/2} see figure 3.
S/N	MAG-045

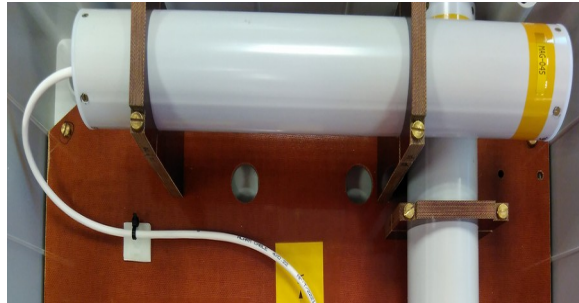


figure 1: MAG-L with cables.

MAG-45 TF

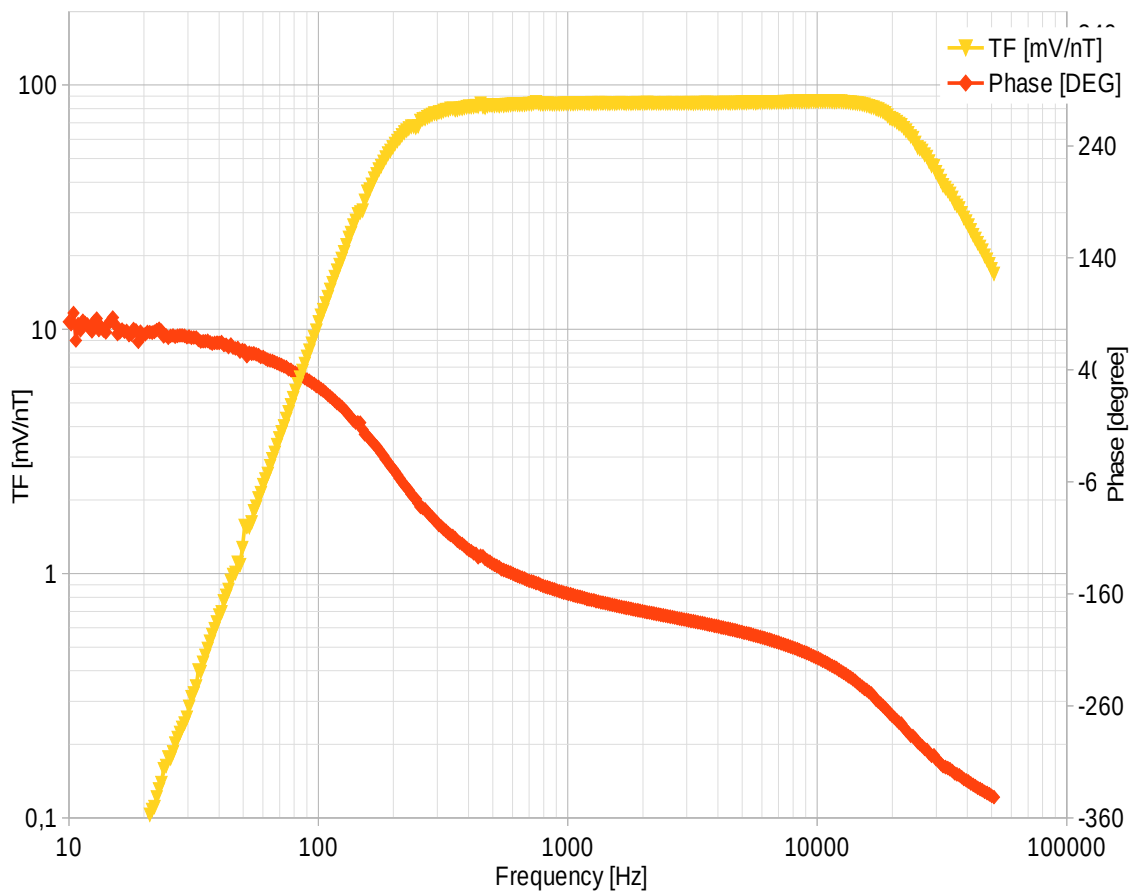


figure 2: Amplitude-phase characteristic of MAG-L.

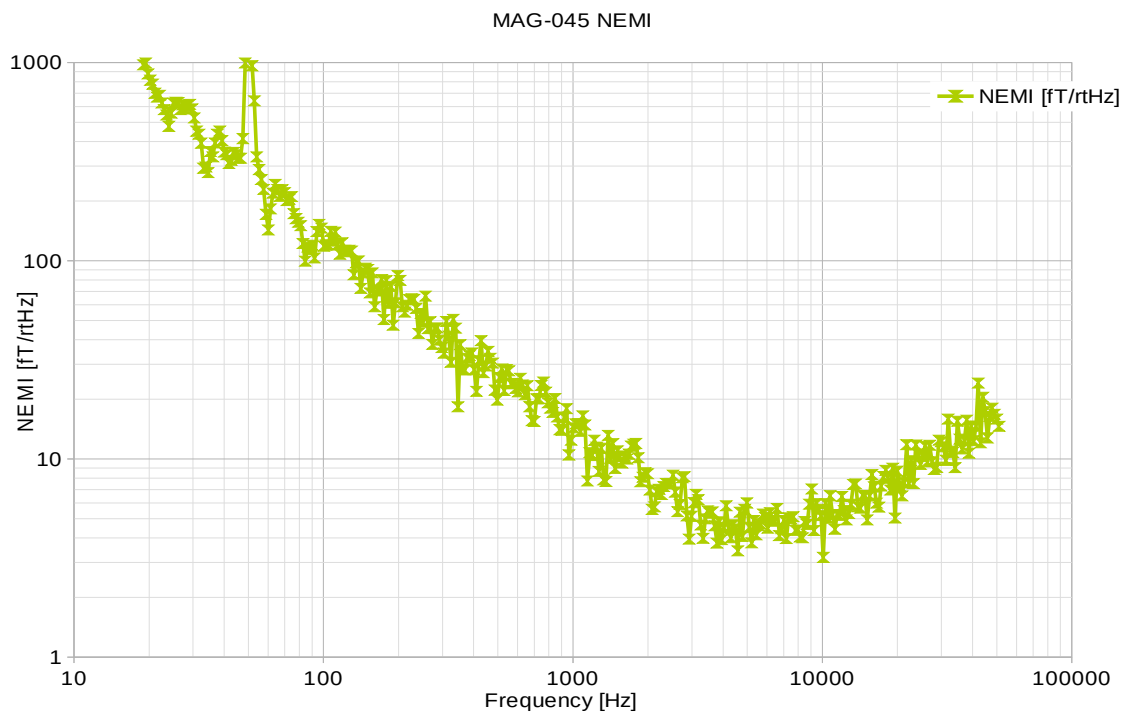


figure 3: Noise characteristic of MAG-L.