

Active H Field Test Antenna HM525



Brief description

The Active H-Field Test Antenna HM525 operates as a loop antenna. At its antenna output it provides a voltage which is proportional to the surrounding magnetic field.

For overview measurements a broad band mode can be selected. For results of highest sensitivity a range mode with 5 separate ranges with individual amplifier designs is implemented. A test mode serves as a performance control.

Each antenna is individually calibrated. The calibration records are attached to the antenna.

- Highest sensitivity
- High dynamic range
- Large frequency range
- Compact design
- Test mode integrated
- Remote controllable (with recommended extras)

Specifications

Frequency range	100 Hz to 30 Mhz
Range mode 1	100 Hz to 600 kHz
Range mode 2	600 kHz to 1.2 Mhz
Range mode 3	1.2 MHz to 2.6 Mhz
Range mode 4	2.6 MHz to 8 Mhz
Range mode 5	8 MHz to 30 MHz
Nominal impedance	50 Ω
Power supply	18 V ± 0.5 V / 0.7 A
Connectors	2 x N female (HF output, Test signal)
Operating temperature	-10 to 55°C
Dimensions	
without pedestal	(730 x 640 x 400) mm
Weight	approx. 10 kg

Recommended extras

Support for HM525	HM525Z1
Control Unit for HM525/AM524	GS525
Optical Cable Set	GS525K1
Control Unit/Power Supply HE525	GX525
Cabinet for GX525	KK524