Активная антенна HFH2-Z6E

Диапазон 8.3 КГц - 30 МГц

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Россия (495)268-04-70
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Казахстан (772)734-952-31
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

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R&S®HFH2-Z6E ACTIVE ROD ANTENNA

8.3 kHz to 30 MHz

Broadband active rod antenna for measuring electrical field components in EMI test setups

The R&S®HFH2-Z6E active rod antenna measures the electrical field strength in the LF, MF and HF range. It can be used for EMI measurements in line with various standards (i.e. CISPR, MIL, FCC, ANSI, ETSI).

Individual calibration in line with CISPR/ANSI standards available.

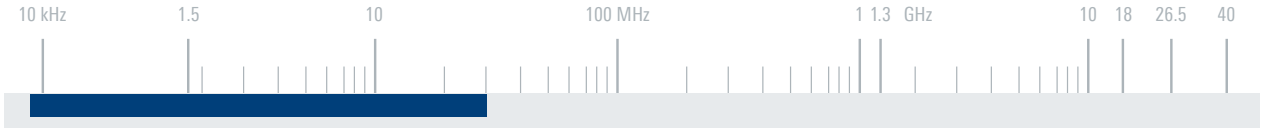
It is characterized by an almost frequency-independent antenna factor and very high sensitivity.

In strong field environments, an attenuator can be activated to reduce distortion. An integrated RF detector with a threshold circuit reports overload of the antenna.

The antenna is supplied via a coaxial cable using the optional R&S®IN600 bias unit.

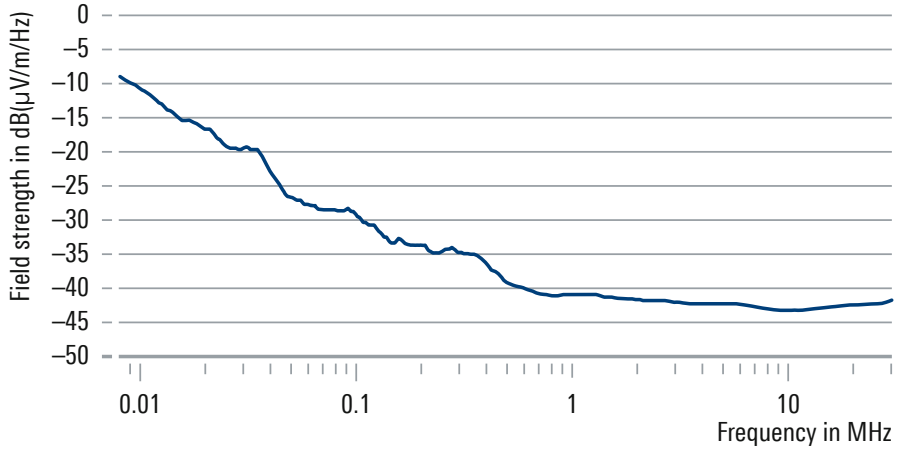
Key facts

- Wide frequency range
- High sensitivity
- Wide dynamic range
- Compact design
- Integrated overload warning
- R&S®IN600 bias unit for power supply via coaxial cable available
- No batteries needed
- Individual calibration certificate supplied with antenna
- Virtually constant antenna factor



Specifications		
Frequency range		8.3 kHz to 30 MHz
Polarization		linear/vertical
Nominal impedance		50 Ω
VSWR		< 1.6
RF connector		N female
Antenna factor in		
Normal mode	8.3 kHz to 20 kHz	10 dB(1/m) ± 2 dB
	> 20 kHz to 30 MHz	10 dB(1/m) ± 1.5 dB
Attenuation mode	8.3 kHz to 20 kHz	20 dB(1/m) ± 2 dB
	> 20 kHz to 30 MHz	20 dB(1/m) ± 1.5 dB
Lower limit field strength in normal mode		
	8.3 kHz to 1 MHz	see diagram
	> 1 MHz to 30 MHz	< –40 dB(µV/m/Hz) (meas.)
Upper limit field strength	normal mode	typ. 125 dB(µV/m)
	attenuation mode	typ. 135 dB(µV/m)
Destructive field strength	8.3 kHz to 30 MHz	> 50 V/m
	> 30 MHz to 2 GHz	> 10 V/m
MTBF		> 100000 h
Power supply (via coaxial cable)		+24 V DC –3 V/+1 V (max. 150 mA)
Operating temperature range		+5 °C to +40 °C
Dimensions	base (W × L × H)	approx. 600 mm × 600 mm × 100 mm (24 in × 24 in × 4 in)
	rod height	approx. 1000 mm (39 in)/1040 mm (41 in)
Weight		approx. 6.5 kg (14 lb)

Lower limit field strength level (for SNR = 1) in normal mode (meas.)



Ordering information	Type	Order No.
Active rod antenna	R&S®HFH2-Z6E	4110.1006.02
Recommended extras		
Calibration adapter	R&S®HFH2-Z10	4110.1570.02
Bias unit	R&S®IN600	4094.3004.13
Wooden tripod	R&S®HZ-1	0837.2310.02
Rod antenna stand	R&S®RAS	5611.5035.02