

R&S®HL223 Log-Periodic Antenna

200 MHz to 1.3 GHz

Optimized for radiomonitoring and
measurements



Features

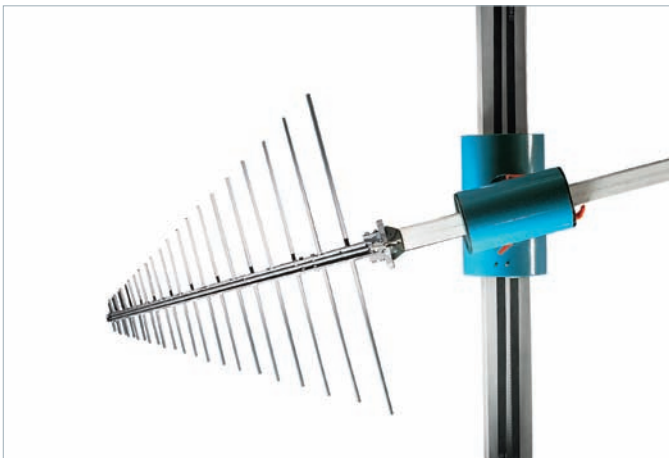
- Excellent broadband characteristics
- Radiation patterns virtually independent of frequency
- Only one antenna required to cover a wide frequency range
- Selectable polarization plane
- Sturdy construction
- Suitable for mobile use
- Individual calibration in line with ANSI C63.5 and ARP 958
- Adapter for R&S®HZ-1 wooden tripod supplied with antenna

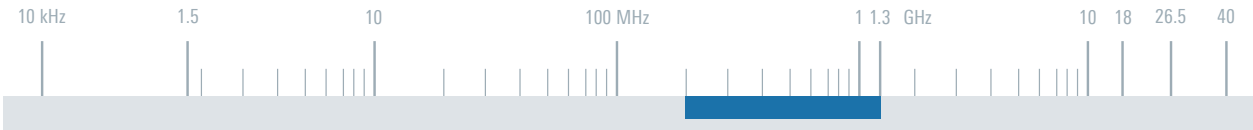
Brief description

Owing to its broadband characteristics and the virtually frequency-independent radiation patterns, the R&S®HL223 covers a very wide frequency range.

The sturdy construction makes the antenna suitable for stationary and mobile applications.

Each antenna is supplied with an individual calibration certificate so that measurements can be performed in addition to monitoring and transmitting applications.





Specifications	
Frequency range	200 MHz to 1.3 GHz
Polarization	linear
Input impedance	50 Ω
VSWR	≤2 (typ. 1.6)
Max. input power	1500 W to 600 W CW
Gain	>6 dBi
Connector	N female

MTBF	>200 000 h
Operating temperature range	-40°C to +50°C
Max. wind speed	200 km/h (without ice deposit)
Dimensions (L x W x H)	approx. 710 mm x 765 mm x 120 mm (approx. 28 in x 30.1 in x 4.7 in)
Weight	approx. 2 kg (approx. 4.4 lb)

Ordering information	Type	Order No.
Log-Periodic Antenna	R&S®HL223	4001.5501.02
Recommended extras		
Wooden Tripod	R&S®HZ-1	0837.2310.02

