

# R&S®HA104/512 HF Whip Antenna

1.5 MHz to 30 MHz

For ground waves and vertically polarized low-angle skywaves



The R&S®HA104/512 HF whip antenna is suitable for ground waves and vertically polarized low-angle skywaves.

In conjunction with an antenna tuning unit, it can also be used for transmission.

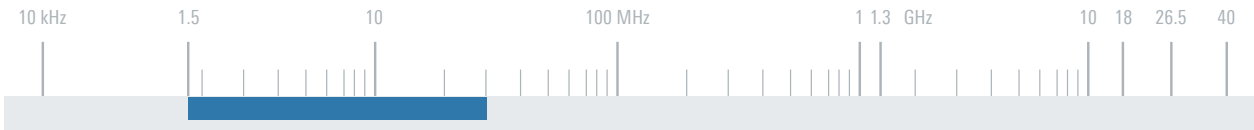
The sturdy, shock- and vibration-proof construction makes the R&S®HA104/512 ideal for mobile use.

For use on vehicles, the R&S®HA104/512 can be tied down when the vehicle is in motion.

## Key facts

- Sturdy construction
- Shock- and vibration-proof
- Optimal for mobile use
- Suitable ATU available





Specifications	
Frequency range	
Transmission (with ATU)	1.5 MHz to 30 MHz
Polarization	linear/vertical
Max. input power	150 W CW/150 W PEP
Horizontal radiation pattern	omnidirectional
Connector	clamp

MTBF	> 150 000 h
Operating temperature range	-30°C to +55°C
Max. wind speed	150 km/h (without ice deposit)
Height of antenna	approx. 5 m (16 ft)
Disassembly possible	yes
Weight	approx. 4 kg (9 lb)

Ordering information	Type	Order No.
HF Whip Antenna	R&S®HA104/512	0156.2039.02
<b>Recommended extras</b>		
Antenna Tuning Unit	R&S®FK4115M	6120.4000.03