

R&S®HK001 UHF Coaxial Dipole



225 MHz to 400 MHz

UHF omnidirectional antenna for vertical polarization

Features

- High immunity to lightning strokes in the vicinity
- Rugged design
- Minimal wind load
- Low weight
- Can be used on ships
- Ideal for military aeronautical radio

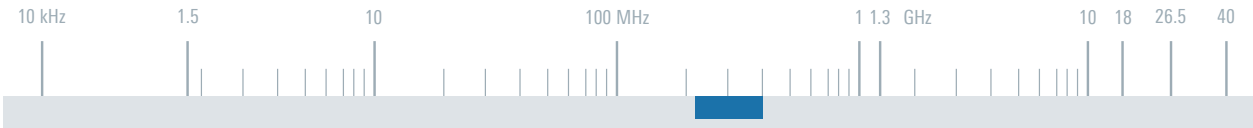
Brief description

The R&S®HK001 UHF coaxial dipole is an omnidirectional antenna for vertically polarized waves.

It features high suppression of skin currents and high immunity to lightning strokes in the vicinity.

Due to its sturdy design and low wind load, it is suitable for mobile use, particularly on ships.





Specifications	
Frequency range	225 MHz to 400 MHz
Polarization	linear/vertical
Input impedance	50 Ω
VSWR	≤2
Max. input power	400 W CW
Gain	typ. 2 dBi
Horizontal radiation pattern	omnidirectional
Max. deviation from circularity	±0.5 dB

Connector	N female
MTBF	>250 000 h
Operating temperature range	-40°C to +85°C
Max. wind speed	185 km/h (without ice deposit)
Dimensions	
Diameter	approx. 430 mm (approx. 16.9 in)
Height	approx. 470 mm (approx. 18.5 in)
Weight	approx. 1.6 kg (approx. 3.5 lb)

Ordering information	Type	Order No.
UHF Coaxial Dipole	R&S®HK001	0425.2781.03
Recommended extras		
Mast, length 6 m, pluggable	R&S®KM011	0273.9116.02
Mast Adapter	R&S®KM011Z1	4022.3508.02

