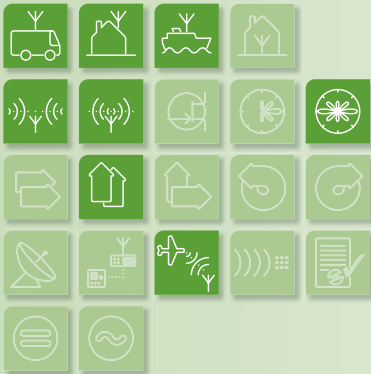


VHF/UHF Antennas

UHF Coaxial Dipole R&S®HK001



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 UHF Coaxial Dipole R&S®HK001 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.



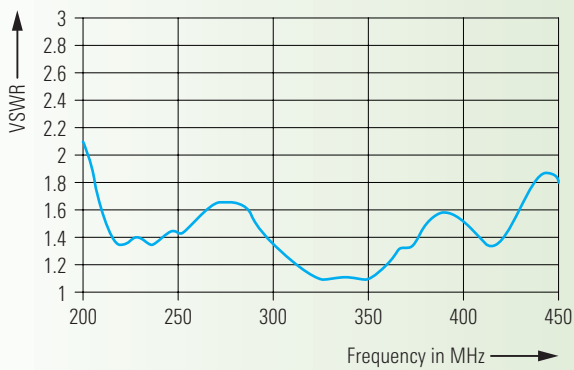


Specifications

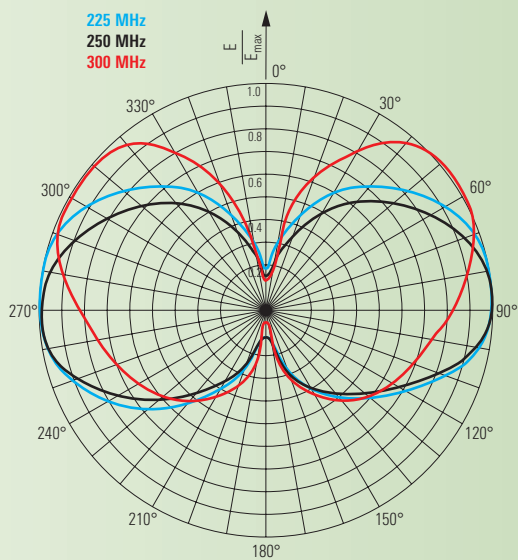
Frequency range	225 MHz to 400 MHz	MTBF	>250 000 h
Polarization	linear/vertical	Operating temperature range	-40 °C to +85 °C
Input impedance	50 Ω	Max. wind speed	185 km/h (without ice deposit)
VSWR	≤2	Dimensions	
Max. input power	400 W CW	Diameter	approx. 430 mm
Gain	typ. 2 dBi	Height	approx. 470 mm
Horizontal radiation pattern	omnidirectional	Weight	approx. 1.6 kg
Connector	N female		

Ordering information

UHF Coaxial Dipole	R&S®HK001	0425.2781.03	Recommended extras
			Mast, 6 m, pluggable R&S®KM011 0273.9116.02
			Mast Adapter R&S®KM011Z1 4022.3508.02



Typical VSWR



Typical vertical radiation pattern