VHF/UHF Antennas R&S®HK014 VHF/UHF Coaxial Dipole

R&S®HK014 VHF/UHF Coaxial Dipole

100 MHz to 1.3 GHz

VHF/UHF omnidirectional antenna for vertical polarization



Features

- I Wide frequency range
- I High suppression of skin currents
- I Filled-in vertical radiation pattern
- I High protection against lightning strokes in the vicinity
- Sturdy design
- I Minimal wind load
- Low weight
- I Can be used on ships

Brief description

The R&S®HK014 VHF/UHF coaxial dipole is an omnidirectional antenna for vertically polarized waves.

The antenna features high suppression of skin currents and high protection against lightning strokes in the vicinity.

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



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10 kHz	1.5	10	100 MHz	1 1.3 GHz	10 18 26.5 40

Specifications	
requency range	100 MHz to 1.3 GHz
olarization	linear/vertical
put impedance	50 Ω
SWR	typ. <2
Permissible input power	
Up to 150 MHz 800 W + 100% AM	
Up to 400 MHz	430 W + 100% AM
Up to 1 GHz	270 W + 100% AM
Up to 1.3 GHz	240 W + 100% AM
Gain	typ. 2 dBi
Horizontal radiation pattern	omnidirectional
Max. deviation from	±1 dB

Ordering information	Туре	Order No.				
VHF/UHF Coaxial Dipole	R&S®HK014	0644.1514.02				
Recommended extras						
Diplexer for the ranges 100 MHz to 162 MHz/225 MHz to 400 MHz	R&S®FT224	0525.5117.03				
Mast, length 6 m, pluggable	R&S®KM011	0273.9116.02				
Mast Adapter	R&S®KM011Z2	4022.3608.02				





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2