

VHF/UHF Antennas

Biconical Antenna

R&S®HK 116



20 MHz to 300 MHz

For radiated emission measurements

Features

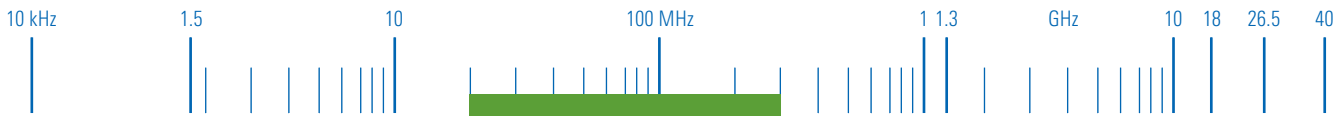
- ◆ Wide frequency range
- ◆ Radiation patterns virtually independent of frequency
- ◆ Individual calibration to ANSI C63.5 (free-space calibration)
- ◆ Low weight

Brief description

The R&S®HK 116 is a biconical dipole antenna for linearly polarized waves.

The antenna features a wide frequency range, a radiation pattern virtually independent of frequency plus low weight.

The R&S®HK 116 is individually calibrated to ANSI C63.5 and ARP-958 and particularly suitable for radiated emission measurements in EMC test rooms.

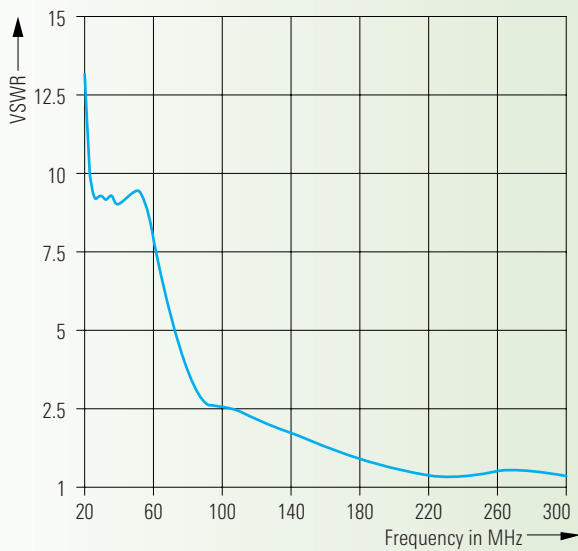


Specifications

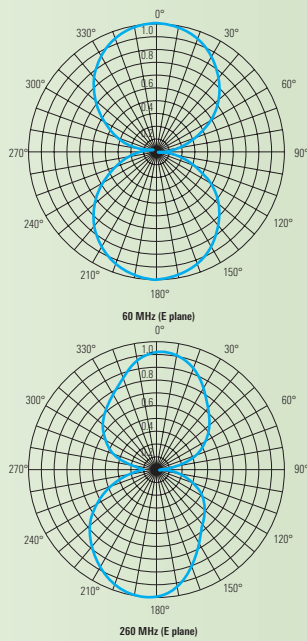
Frequency range	20 MHz to 300 MHz	Operating	
Polarization	linear	temperature range	-40 °C to +55 °C
Input impedance	50 Ω	MTBF	>3 000 000 h
VSWR	typ. 2.5	Dimensions (L × W × H)	approx. 1380 mm × 530 mm × 720 mm
Permissible input power	20 W CW	Weight	approx. 3 kg
Connector	N female		

Ordering information

Biconical Antenna	R&S®HK 116	4000.7752.02	Recommended extras		
			Wooden Tripod	R&S®HZ-1	0837.2310.02



Typical VSWR



Typical horizontal radiation pattern