

# R&S®HK116 Biconical Antenna



20 MHz to 300 MHz

For radiated emission measurements

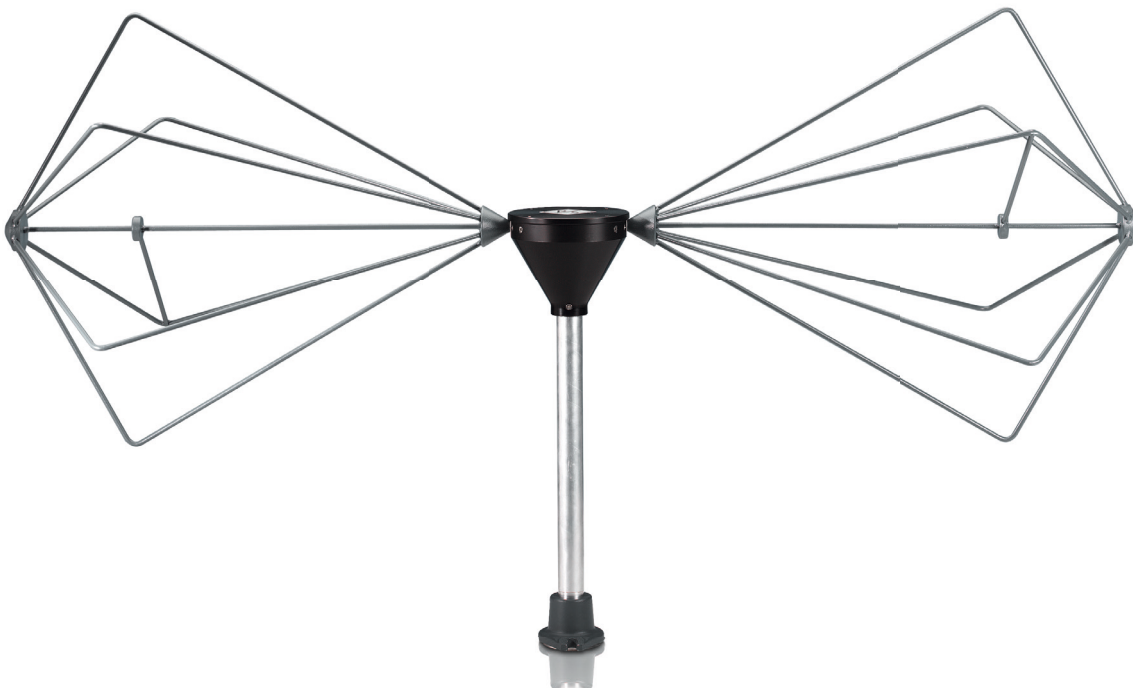
The R&S®HK116 is a biconical dipole antenna for linearly polarized waves.

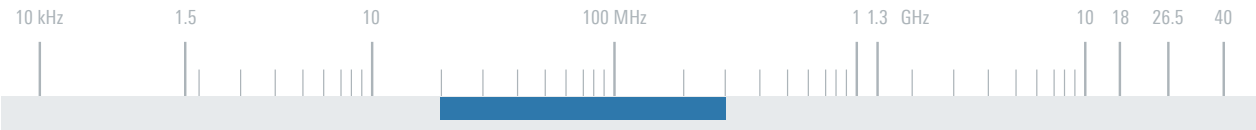
The lightweight antenna features a wide frequency range and a virtually frequency-independent radiation pattern.

Each R&S®HK116 is individually calibrated in line with ANSI C63.5 and ARP 958 and is particularly suitable for radiated emission measurements in EMC test rooms.

## Key facts

- Wide frequency range
- Virtually frequency-independent radiation pattern
- Individual calibration in line with ANSI C63.5 (free-space calibration) and ARP958
- Low weight





Specifications	
Frequency range	20 MHz to 300 MHz
Polarization	linear
Input impedance	50 Ω
VSWR	see diagram
Permissible input power	75 W CW
Connector	N female

Operating temperature range	−40°C to +55°C
MTBF	>1 000 000 h
Dimensions (W × H × L)	approx. 530 mm × 720 mm × 1380 mm (20.9 in × 28.4 in × 54.3 in)
Weight	approx. 3 kg (6.6 lb)

Ordering information	Type	Order No.
Biconical Antenna	R&S®HK116	4000.7752.02
Recommended extras		
Wooden Tripod	R&S®HZ-1	0837.2310.02

