

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.

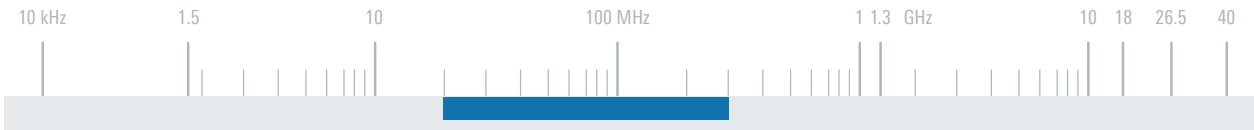
The lightweight antenna features a wide frequency range and a virtually frequency-independent radiation pattern.

Each R&S®HK116 is individually calibrated in line with ANSI C63.5 and ARP958 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 |

