

# R&S®HK116 Biconical Antenna



20 MHz to 300 MHz

For radiated emission measurements

## Features

- Wide frequency range
- Radiation patterns virtually independent of frequency
- Individual calibration in line with ANSI C63.5 (free-space calibration) and ARP958
- Low weight

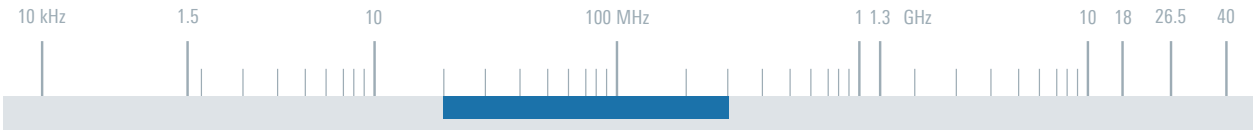
## Brief description

The R&S®HK116 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®HK116 is individually calibrated in line with ANSI C63.5 and ARP958 and particularly suitable for radiated emission measurements in EMC test rooms.





| Specifications          |                   |
|-------------------------|-------------------|
| Frequency range         | 20 MHz to 300 MHz |
| Polarization            | linear            |
| Input impedance         | 50 Ω              |
| VSWR                    | typ. 2.5          |
| Permissible input power | 75 W CW           |
| Connector               | N female          |

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

