

R&S®HF108 ILS/VOR Test Antenna

108 MHz to 118 MHz

Ground measurements for instrument landing system (ILS) and very high frequency omnidirectional range (VOR)



Features

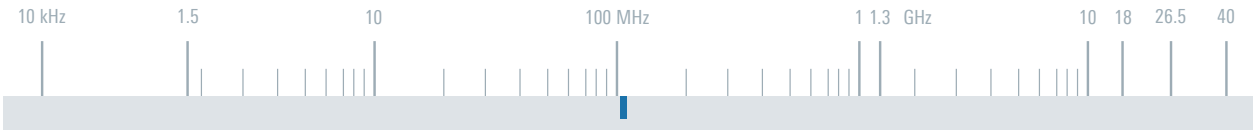
- Linear horizontal polarization
- Measurement antenna for ILS and VOR
- Highly linear gain and VSWR characteristics

Brief description

The R&S®HF108 is a VHF/UHF test antenna for horizontally polarized signals.

It is suitable for ground measurements within the instrument landing system (ILS) and for measurements in the VHF omnidirectional range (VOR).





Specifications	
Frequency range	108 MHz to 118 MHz
Polarization	linear/horizontal
Input impedance	50 Ω
VSWR	
108 MHz to 112 MHz	<1.4 (typ. <1.2)
112 MHz to 118 MHz	typ. <1.9
Gain	typ. 1.5 dBi
Antenna factor	typ. 10 dB
Max. input power	<10 mW

Connector	BNC female
MTBF	>500 000 h
Operating temperature range	-20°C to +60°C
Max. wind speed	200 km/h (without ice deposit)
Dimensions (L × W × H)	approx. 1370 mm × 1130 mm × 350 mm (approx. 53.9 in × 44.5 in × 13.8 in)
Weight	approx. 4 kg (approx. 8.8 lb)

Ordering information	Type	Order No.
ILSVOR Test Antenna	R&S®HF108	4061.0506.02

