



VHF Manpack Antenna R&S® HV 3004

Flexible VHF manpack antenna with gooseneck

- ◆ Low profile
- ◆ Folding tape antenna
- ◆ Low volume
- ◆ Low weight



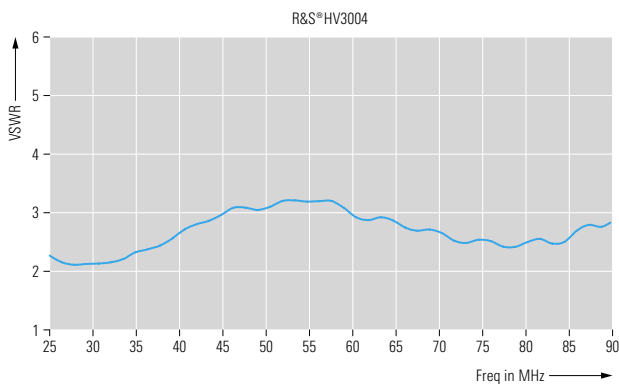
ROHDE & SCHWARZ



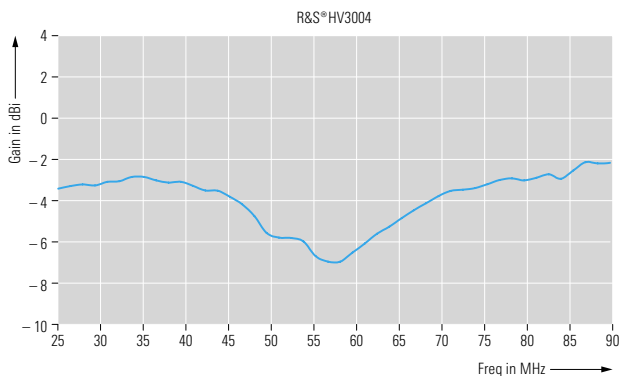
The R&S® HV 3004 is a steel tape antenna sealed with a rubber cover. It can be folded at any point and has a flexible base to be operated with the radio in any position. The antenna will unfold automatically and can be bent to provide low profile if required.

Specifications

Frequency range	25 MHz to 88 MHz, fully specified 25 MHz to 108 MHz, operational
VSWR	typ. <3.5
Nominal impedance	50 Ω
Power rating	25 W CW
Radiation pattern	azimuth: omnidirectional
Polarization	vertical
Length	1.65 m with gooseneck
Weight	0.74 kg



Typical standing wave ratio



Typical gain

Environmental specifications

Solar radiation	to GAM-T13/09 protection against UV rays, 21 hours
Temperature range	operating -40 °C to +70 °C storage -40 °C to +70 °C
Salt spray	to GAM-T13/04-01 96 hours at 35 °C
Heat	to GAM-T13/02-02 (dry), 96 hours at 70 °C GAM-T13/03-02 (wet), 10 cycles, 24 hours at 40 °C, 95 % RH
Cold	to GAM-T13/02-01 72 hours at -40 °C
Bendings	after 4 hour temperature stabilizing 10 × operational at -40 °C 10 × operational at +70 °C
Liquid contamination	to GAM-T13/A2/16

Ordering information

Designation	Type	Order No.
VHF Manpack Antenna	R&S® HV 3004	6095.4659.02



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