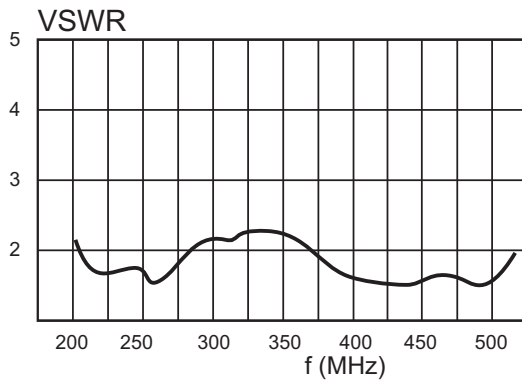


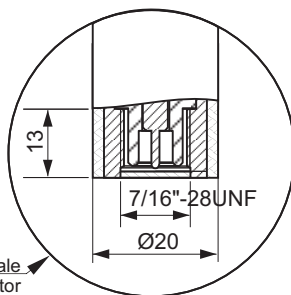
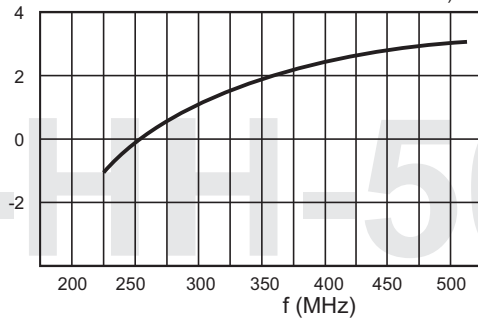
The antenna AD-44/E-HH-500 is a specially designed UHF monopole whip, primarily intended for use with portable and handheld radio stations in UHF frequency range from 225 to 512 MHz. The antenna is end-fed halfwave monopole whip with capacitive loading on the radiator and the impedance matching unit above the antenna connector. The antenna is optimized for all exploitation conditions (radio in hand, at the side, at the breast etc.) so it is not necessary to additionally tune the antenna. The specially ruggedized radiating part is made of special wounded wire and protected with heat shrinkable sleeve. Impedance matching transformer is embedded into a durable plastic jacket.

TECHNICAL DATA	
Frequency range	225 - 512 MHz
Impedance	50 ohm
VSWR	max. 2.5; typ. < 2
Gain	typ. -2 ... +3 dBi
Polarization	Vertical
Maximum power	15 W CW
Connector	TNC male
Width	max. 20 mm
Height	489 +/- 15 mm
Weight	140 +/- 15 gr.





GAIN (dB vs. 1/4 resonant whip antenna, measured mounted on handheld radio box 140 x 30 x 60 mm)



TNC male connector