

DESCRIPTION

The antenna AD-44/E-HHS is a wideband monopole whip, primarily intended for use with portable and handheld radio stations in UHF frequency range from 410 to 510 MHz. Electrically the antenna is optimised 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 antenna is composed of radiating part made of special wounded wire and covered with a heatshrinkable tube with silicone layer ensuring high flexibility and roughness. The antenna has built-in a special microstrip transformer matching network enclosed in fiberglass housing above the input coaxial connector. Antenna connector is TNC male.

ELECTRICAL SPECIFICATIONS	
Frequency range	410 - 510 MHz
Impedance	50 ohm
VSWR	< 2
Gain	See diagram
Polarization	Vertical
Maximum power	15 W CW
Connector	TNC male
MECHANICAL SPECIFICATIONS	
Design	UHF Monopole Antenna
Height	160 mm
Weight	80 g
Diameter	20,3 mm
Temperature range - in use	-50 ... +55 °C
Temperature range - in stock	-55 ... +75 °C
Color	Black

