

The antenna AD-44/E is a wideband monopole whip, primarily intended for use with portable and handheld radio stations in UHF frequency range from 225 to 400 (450) 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. Input connector is built-in TNC male (AD-44/E-HH; /E-HX) or N male (AD-44/E-MP; /E-MX).

TECHNICAL DATA	AD-44/E-HH	AD-44/E-HX
Frequency range	225 - 400 MHz	225 - 450 MHz
Impedance	50 ohm	50 ohm
VSWR	< 2.5	< 3
Polarization	VER.	VER.
Maximum power	10 W CW	10 W CW
Height	280 mm	260 mm
Mass	90 g	85 g
Connector	Nmale - TNCmale	Nmale - TNCmale
Temp. range	-40.....+55°C	-40.....+55°C



