

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 512 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), N male (AD-44/E-MP) or SMA male (AD-44/E-HT).

	AD-44/E-HH	AD-44/E-MP	AD-44/E-HT
Frequency range	225 - 512 MHz	225 - 512 MHz	225 - 512 MHz
Impedance	50 ohm	50 ohm	50 ohm
VSWR	typ. < 2.5	typ. < 2.5	typ. < 2.5
Polarization	VER.	VER.	VER.
Maximum power	15 W CW	15 W CW	15 W CW
Height	260 mm	270 mm	260 mm
Mass	90 g	110 g	80 g
Connector	TNCmale	Nmale	SMAmale
Temp. range	-40.....+55 °C	-40.....+55 °C	-40.....+55 °C



