

The antenna AD-16 is a wideband ground plane antenna covering the frequency range from 108 to 240 MHz. The antenna is composed of junction head with tube, where a special line transformer is built-in, of a radiating element and of six radial elements. With computer synthesis and optimisation a very broad band and relatively constant gain and vertical pattern is achieved. The elements are made from epoxy - glass composite material ensuring light construction and mechanical roughness and is insensitive to atmospheric influences so it can be used as transportable or stationary as well. The antenna can be mounted on a standard tube with the external thread R1" or it can be also mounted on our standard consoles (ADK).



TECHNICAL DATA	
Frequency range	108 - 240 MHz
Impedance	50 ohm
VSWR	< 2 (DIAG. 1)
Gain	DIAG. 2
Polarization	VER.
Maximum power	150 W CW
Connector	N female
Height	1,1 m
Mass of antenna	0,9 kg
Wind velocity	120 km/h
Temperature range	-40....+70 °C

