

The antenna AD-33 is a wideband ground plane antenna covering the frequency range from 66 to 88 MHz. The antenna is composed of the junction head with tube where a special line transformer is built-in, of 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 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 external wind R1" or it can be also mounted on our standard console elements family ADK.



TECHNICAL DATA	
Frequency range	66 - 88 MHz
Impedance	50 ohm
VSWR	< 1,5 (DIAG. 1)
Gain	DIAG. 2
Polarization	VER.
Maximum power	150 W CW
Connector	UHF, N
Height	1,8 m
Mass of antenna	2 kg
Wind velocity	120 km/h
Temperature range	-40....+70 °C

