

The antenna AD-22/F-HP is a high power version of log-periodic dipole antenna covering the frequency range from 1000 to 6000 MHz. The antenna is mainly intended for use in EMC applications, radio monitoring, jamming, etc.

The antenna is composed of a boom element and 30 dipoles. All dipole elements and boom are made of brass. The antenna is enclosed in a plastic radome. The antenna support on the end enables mounting on masts with outer diameter between 1" (26 mm) and 2" (60 mm). The antenna could be used as transportable or as stationary.

Frequency range	1000 - 6000 Mhz
Impedance	50 ohm
VSWR	< 2.5
Gain	9 - 11 dBi
E-plane 3 dB beamwidth	> 40°
H-plane 3 dB beamwidth	> 50°
Front-to-back ratio	> 20 dB
Polarization	HOR./VER.
Maximum power:	
at 1 Ghz	1700 W CW
at 3 Ghz	950 W CW
at 6 Ghz	600 W CW
Connector	N female
Length	995 mm
Width	160 mm
Mass	5 kg
Wind velocity	150 km/h
Temperature range	-55...+70 °C
IP ratings	IP 65

