

The antenna AD-22/P is a log-periodic dipole antenna covering frequency range from 300 to 7000 MHz. The antenna is mainly intended for use for broadcast, EMC applications, radio monitoring, jamming, etc. The antenna is composed of a boom element and 24 dipoles connected to the boom by screw joints. All dipole elements are made of aluminium alloy. Boom and joints are made of stainless steel. Beside that there is also an antenna support mounted on the boom element, constructed for easy change of the antenna polarization. The antenna support enable mounting the antenna on masts with outer diameter between 20 and 60 mm. All metal parts of the antenna are painted with UV resistant polyurethane paint.

Frequency range	300 - 7000 MHz
Impedance	50 ohm
VSWR	< 3 (300 - 5500 MHz) < 3.5 (5500 - 7000 MHz)
Gain	typ. 7 dBi
Front-to-back ratio	> 20 dB
Polarization	HOR./VER.
Maximum power	150 W at 7 GHz W CW
Connector	N female
Length	660 mm
Width	511 mm
Mass	2.3 kg
Wind velocity	160 km/h
Temperature range	-40...+65 °C



