

AD-22/H Log Periodic Antenna Product data sheet

Product Overview

The AD-22/H antenna is an ultra-wide-band log-periodic dipole antenna covering frequency ranges from 100 to 3000 MHz. The antenna is ideally suitable for tactical and transportable uses. The antenna is composed of a boom element and 20 dipoles connected to the boom by special screw joints. All dipole elements and the boom are made of aluminium alloy, and all of the joints are made of stainless steel. The antenna can be mounted on an appropriate antenna mast via the built-in bracket, which also enables a simple operational change of polarisation. All of the metal parts of the antenna are painted with a UV-resistant polyurethane paint. The first 12 elements are permanently fixed to the boom, while the last 8 elements are screwed in by the user before mounting on the mast. Mast pole mount adaptors are available to suit different diameters. A storage roll for the longer dipole elements is provided along with a transport bag.

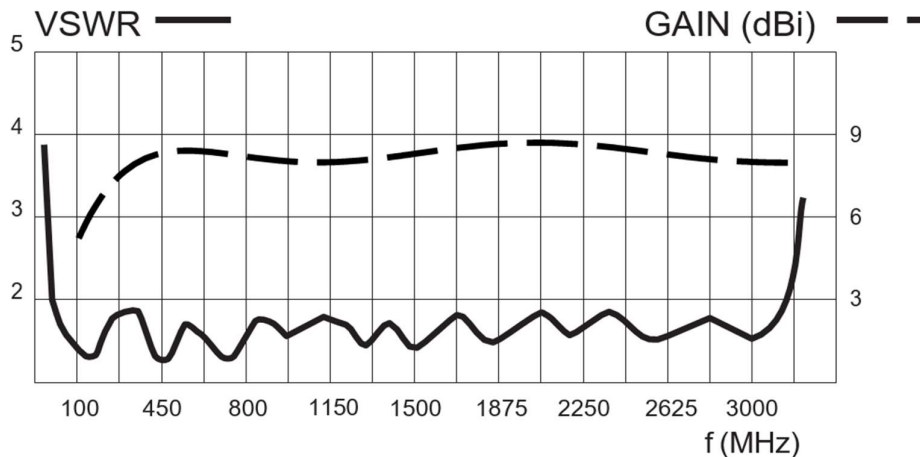
Technical Specification

Electrical Specification

Frequency range	100 - 3000 MHz
Impedance	50 ohms
VSWR	< 2:1 typical (see diagram)
Gain	+7 to +8 dBi
Front-to-back ratio	>20 dB
Polarization	Vertical
Maximum power	500 W CW
Connector	N female

Mechanical Specification

Design	Log periodic
Length	2194 mm
Width	1530 mm
Weight - antenna	5.45 kg
Weight – canvas bag	1.5 kg
Temperature range - in use	-50 to +80 °C
Wind velocity	120 km/hr
Colour	Black



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Antenna shown assembled

