# AD-10/A
Rev-A

The antenna AD-10/A is a wideband vertical polarised dipole covering the frequency range from 225 to 2000 MHz. All elements of the antenna are enclosed in an epoxy - glass composite tube. The antenna is intended for stationary use. Electrically the antenna is designed so that enables a large bandwith and relatively constant vertical radiation diagram. The antenna has built-in a coaxial cable length of 1 m with coaxial connector N female type at the end. A special mounting tube with mounting console adapter enables to mount the antenna on the mast with diam. up to 60 mm (2").

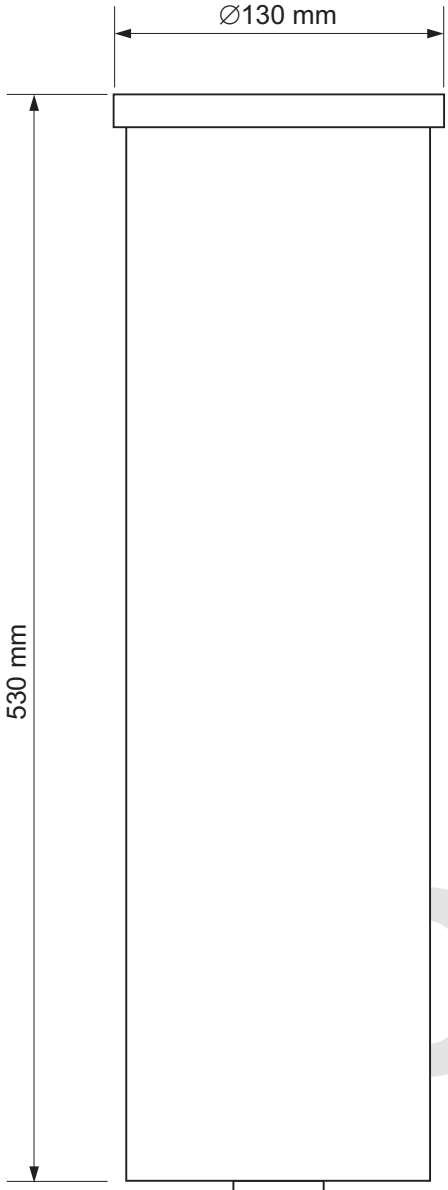
| | |
|---|---|
| Frequency range | 225 - 2000 MHz |
| Impedance | 50 ohm |
| VSWR | < 2 |
| Gain | -2...+2 dBi |
| Polarization | VER. |
| Maximum power | 500 W CW |
| Connector | N female |
| Height | 530 mm |
| Diameter | 130 mm |
| Mass of antenna | 5,5 kg |
| Wind velocity | 160 km/h |
| Temperature range | -55....+80 °C |



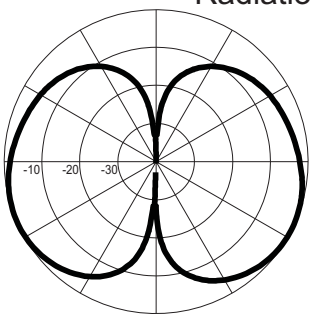


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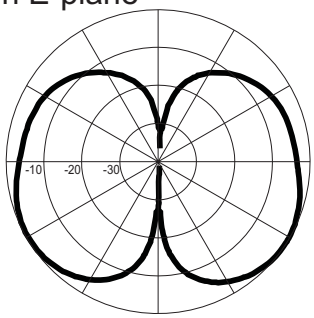
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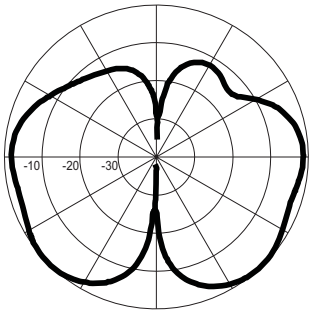

Radiation Pattern E-plane



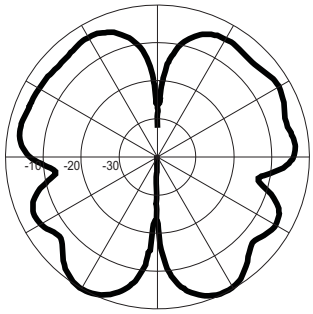

F = 225 MHz



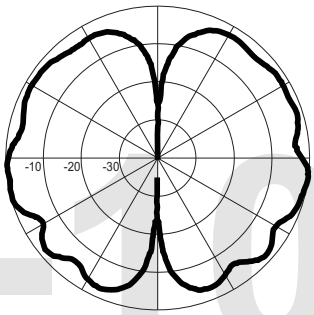

F = 350 MHz



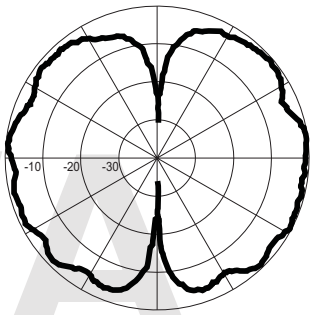

F = 500 MHz




F = 1000 MHz

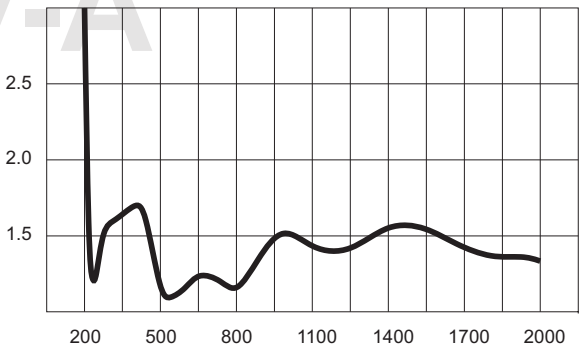



F = 1500 MHz

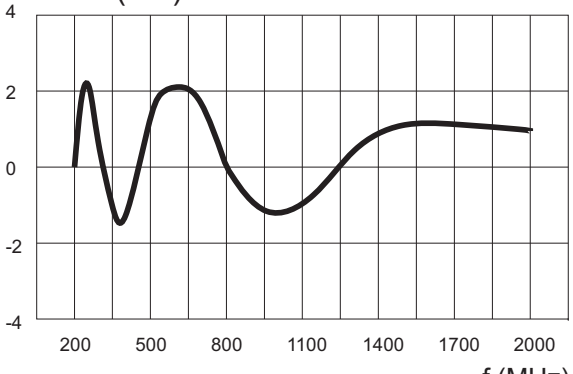


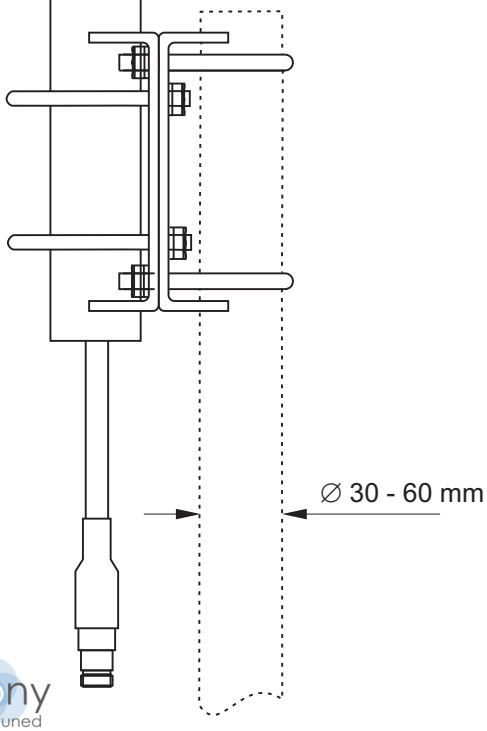

F = 2000 MHz

VSWR




Gain (dBi)




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