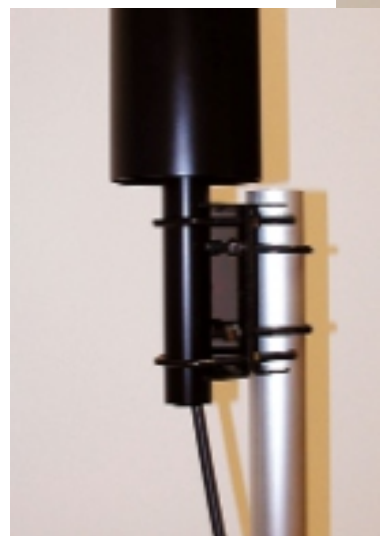
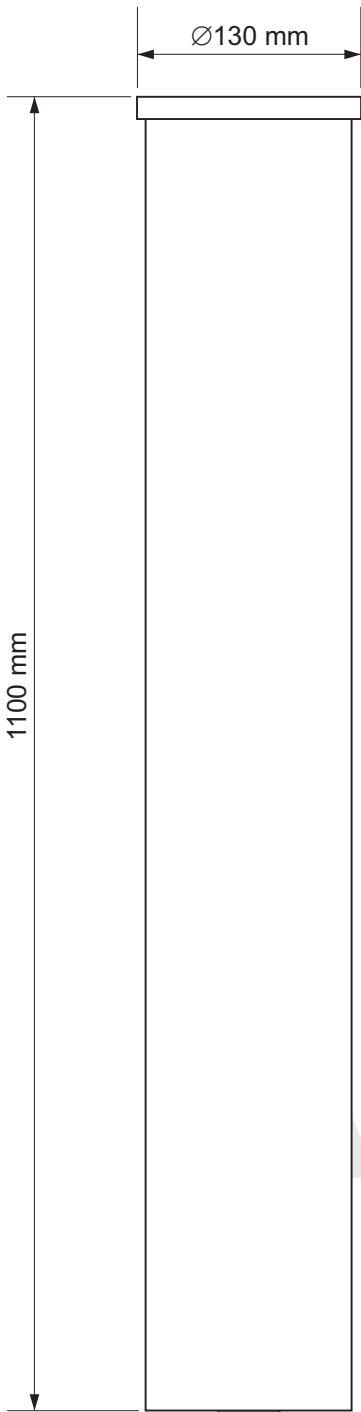


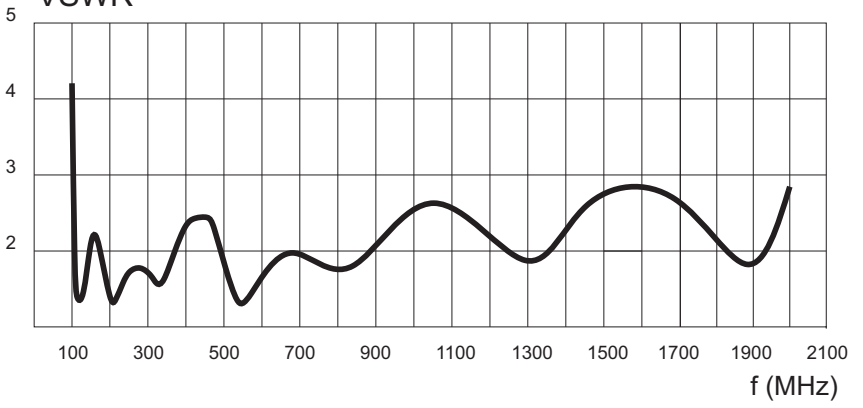
The antenna AD-10/S is a wideband vertical polarised dipole covering the frequency range from 108 to 2000 MHz. All elements of the antenna are enclosed in an epoxy - glass composite tube. The antenna is intended for stationary use. Electrically the antenna is designed so that enables a large bandwidth 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	108 - 2000 MHz
Impedance	50 ohm
VSWR	< 2.5 (108-1000 MHz); < 3 (1000-2000 MHz)
Gain	-2...+2 dBi
Polarization	VER.
Maximum power	750 W @ 108 MHz 300 W @ 500 MHz 200 W @ 1 GHz 150 W @ 2 GHz
Connector	N female
Height	1100 mm
Diameter	130 mm
Mass of antenna	7,5 kg
Wind velocity	160 km/h
Temperature range	-55...+80 °C

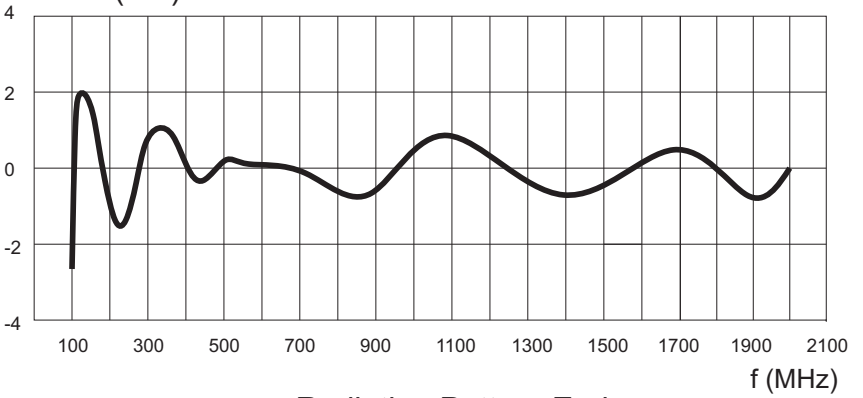




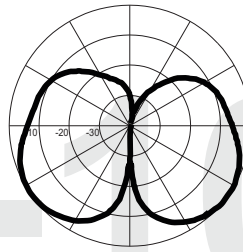
VSWR



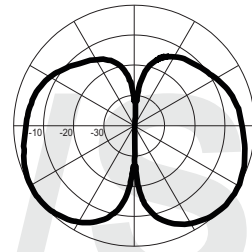
Gain (dBi)



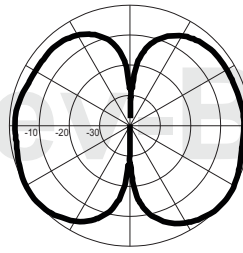
Radiation Pattern E-plane



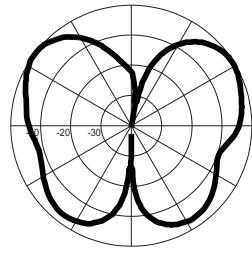
F = 100 MHz



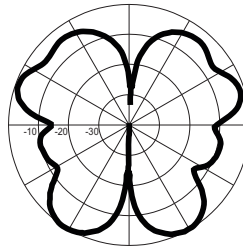
F = 200 MHz



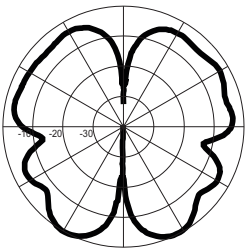
F = 300 MHz



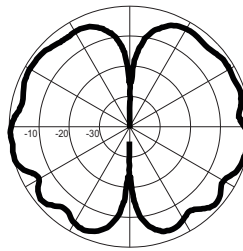
F = 400 MHz



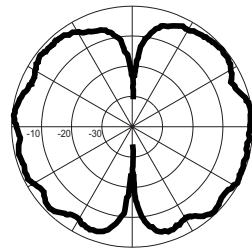
F = 500 MHz



F = 1000 MHz



F = 1500 MHz



F = 2000 MHz

