

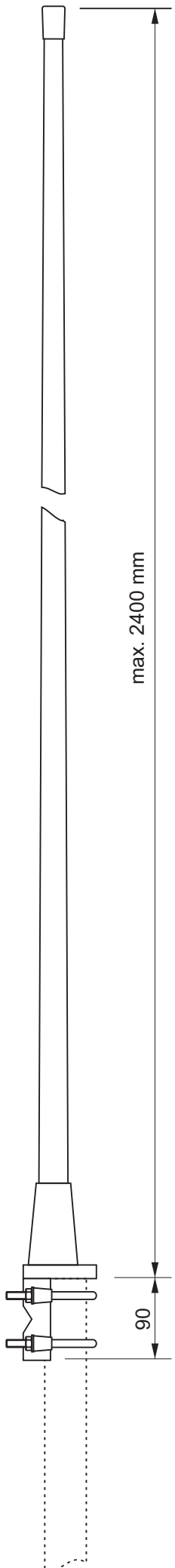
The antenna AD-23/07-4 is collinear dipole for use on UHF frequency range from 380 to 480 MHz in separate frequency bands. The antenna is electrically designed as collinear dipole, composed of four elements half wave length each. The phasing coil between the elements is used for proper current phase shift on the radiating elements. At the antenna base a matching circuit is built-in by which all radiating elements are also DC grounded. All elements are enclosed in tube made of a composite material enabling excellent mechanical and atmospheric resistance. The antenna could be attached directly to the masts with diameters from 24 to 62 mm. For different mounting options our standard family of mounting consoles type ADK could be used.

VERSIONS:

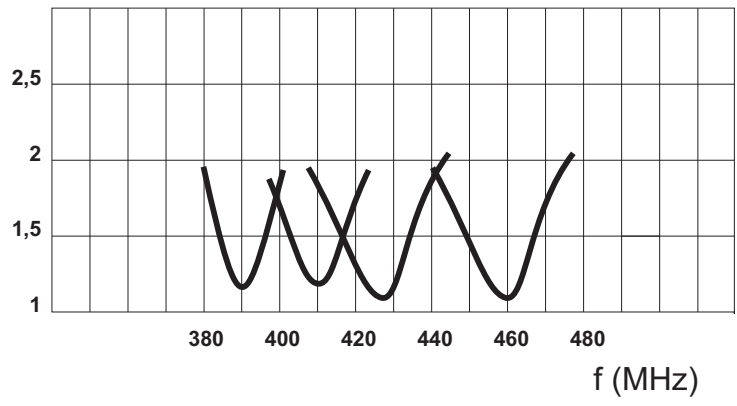
- AD-23/07-4 (380-400 MHz)
- AD-23/07-4 (400-430 MHz)
- AD-23/07-4 (410-440 MHz)
- AD-23/07-4 (440-475 MHz)

Frequency range	380 - 480 MHz
Impedance	50 ohm
VSWR	< 1,8 (fo +/- 4%fo)
Gain	5 dBd / 7.15 dBi
Polarization	VER.
Maximum power	200 W CW
Height	max. 2.4 m
Mass	max 2.0 kg
Connector	N female
Wind velocity	160 km/h
Temperature - operating	-25 ... + 55°C

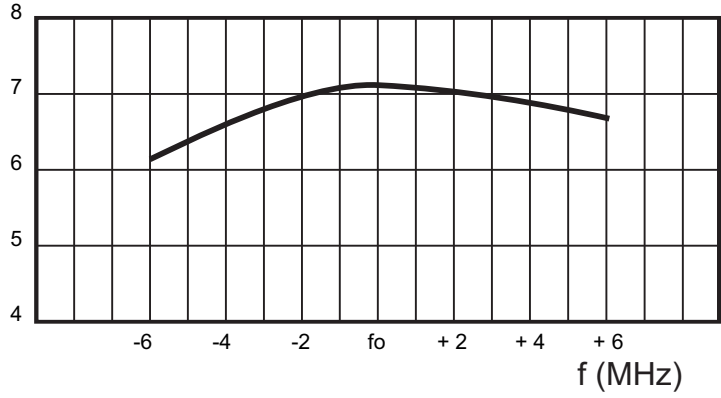




VSWR



GAIN (dBi)



TYPICAL RADIATION PATTERN
(Vertical - E plane)

