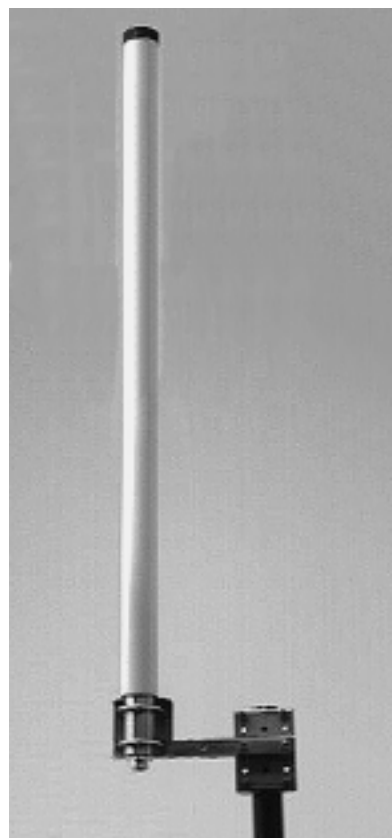
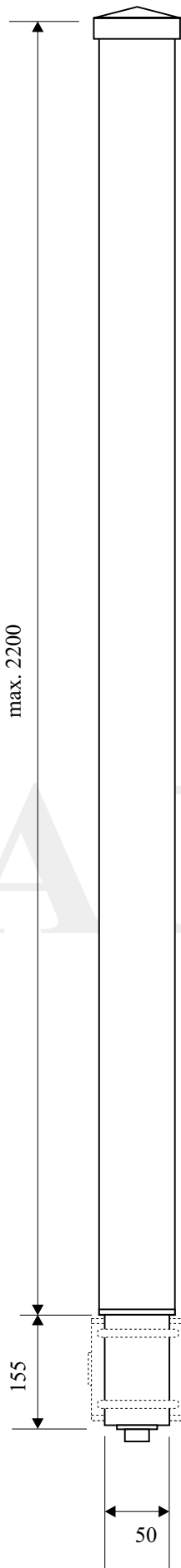


The antenna AD-29/07-5 is a vertically polarized omnidirectional collinear dipole for use on UHF frequency range from 380 to 470 MHz in separate frequency bands. The antenna is electrically designed as collinear dipole, composed of four dipoles half wave length each which enable 5 dBd of gain and constant vertical radiation pattern. All metal elements are DC grounded and enclosed in tube with outer diameter 60 mm, made of a composite material (fiberglass) enables excellent mechanical and atmospheric resistance. The antenna cap is connected with radiating structure and is made of brass and the bottom fixation part is made of anodized aluminum alloy. The antenna is very robust construction and is therefore intended for use in hardest environmental conditions.

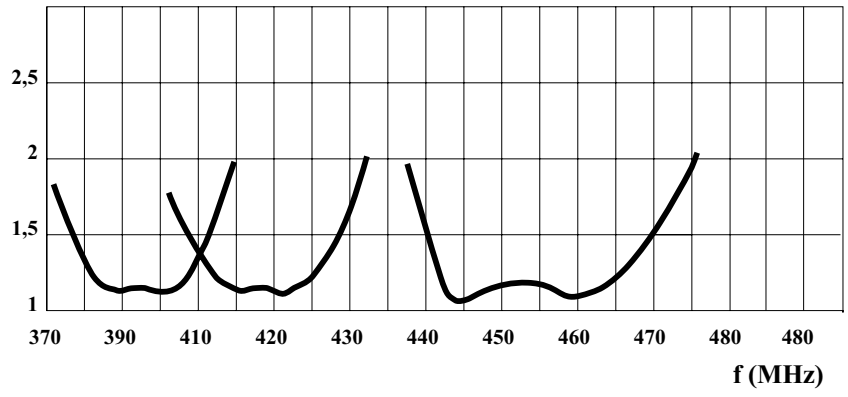
The antenna bottom mounting part diameter is 50 mm so the antenna consoles from the ADK-.. series could be used for mounting.



TECHNICAL DATA	
Frequency range	375-410; 400-430; 440-470 MHz
Impedance	50 ohm
VSWR	< 1,5
Gain	7 dBi/5 dBd
Polarization	VER.
Maximum power	200 W CW
Height	max. 2.4 m
Mass	max. 6 kg
Connector	7/16, N
Wind velocity	150 km/h
Wind area	0.145 m <sup>2</sup>



**VSWR**



**VERTICAL  
RADIATION DIAGRAM**

