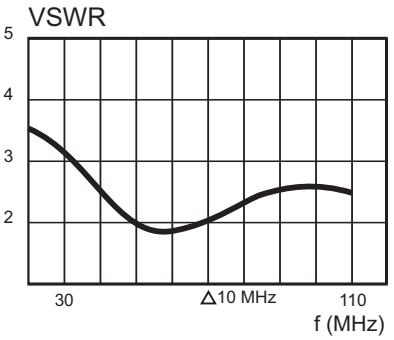
AD-39/3108

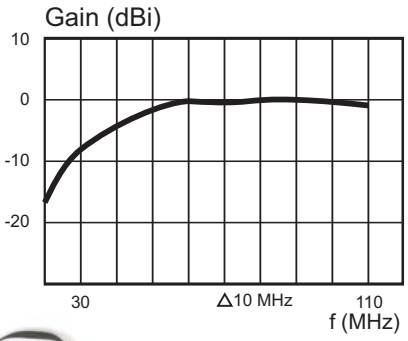
The antenna AD-39/3108 is a dipole antenna primarily intended for use as stationary antenna on VHF and UHF frequency range from 20 - 108 MHz. It is composed of a matching unit in the center with a balun transformer and two dipoles. The matching unit is based on aluminium with plastic housing which makes the unit very light. Both dipoles are made from brass tubing enclosed in fiberglass housing. All aluminium parts are transparent anodized, stainless steel elements are black passivated, dipoles and mounting tube are black painted - all this together enables long life and reliable work even in the hardest climatic conditions. Mounting accesories for installing the antenna on the appropriate square or round tube with diameter of up to 60mm are also included in the antenna kit. The antenna can be mounted in vertical or horizontal polarization mode.

VERSIONS:
- **AD-39/3108**: antenna for base station applications
- **AD-39/3108-T**: antenna for field/transportable applications

TECHNICAL CHARACTERISTICS

Frequency range	20 - 108 MHz
Impedance	50 ohm
VSWR	< 3.5
Gain	see diagram
Polarization	VERT./HOR.
Maximum power	100 W
Connector	N female
Max. diameter	65 mm
Height	2950 mm
Arm length	1000 mm (or by request)
Weight	4,2 kg
Wind speed	180 km/h



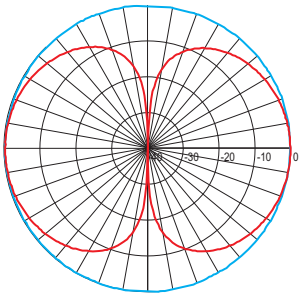




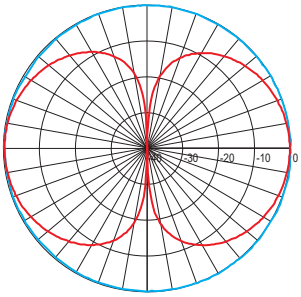


RADIATION PATTERNS

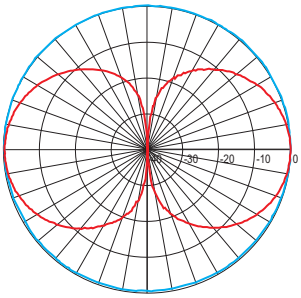
E plane
H plane



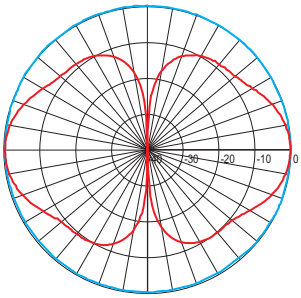
20 MHz



60 MHz



90 MHz



110 MHz

AD-39/3108

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