

The antenna AD-21/66174 is a wideband low-profile monopole mobile antenna covering frequency range from 66 to 88 MHz and 136 to 174 MHz. It is intended for use with portable and mobile radios. The antenna radiator is composed of two parts: the whip made of special strong and flexible stainless steel whip spring at the bottom and the matching transformer unit above the N male coaxial connector. Antenna whip consist one concentrated loading which improves gain in the frequency range from 136 to 174 MHz. The radiator and the matching unit are painted with UV protective polyurethane black paint.

The antenna radiator could be used as a separate antenna attached to the portable radio device or it can be used with the magnet base ADM-21/N or fixed base ADN-21/N, both with the integrated coaxial cable length of 4 meters and ended with the FME female connector. Various adapters from FME to N, BNC, UHF, SMA, etc. are available on request.

## VERSIONS:

**AD-21/66174-N:** wideband monopole antenna for portable radio devices with N male connector

**AD-21/66174-F:** antenna **AD-21/66174-N** with the fixed mount **ADN-21/N** for mobile applications

**AD-21/66174-M:** antenna **AD-21/66174-N** with the magnet mount **ADM-21/N** for mobile applications

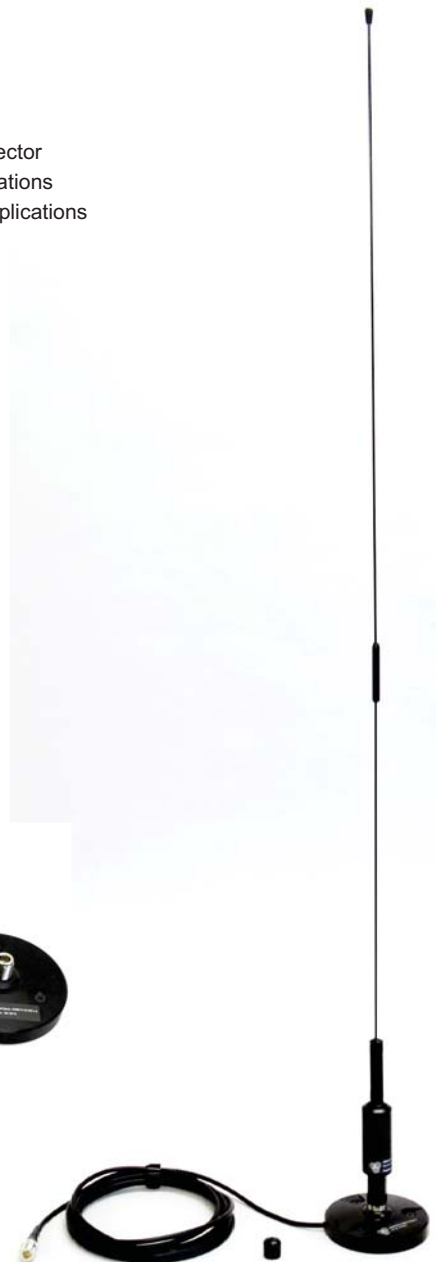
Frequency range	66-88 MHz and 136-174 MHz
Impedance	50 ohm
VSWR	< 3.5 (see diagram)
Max. power	50 W CW
Gain	see diagram
Height	1210 mm
Radiator Weight	300 gr.
Magnet Base Weight	700 gr.
Fixed Base Weight	200 gr.
Cable length	4 m
Input connector	N female



**Fixed mount  
ADN-21/N**



**Magnet mount  
ADM-21/N**



**Antenna  
AD-21/66174-N**

