

The antenna AD-21/1318 is a wideband monopole for the frequency range from 130 to 180 MHz and it is primarily intended for use with portable and mobile radio devices. There is no need for tuning the antenna since the antenna broadband characteristics were achieved with a specially designed radiator with two concentrated loadings and with the appropriate antenna matching circuit placed above the antenna connector. The antenna is composed of a base with N male connector and of a radiating element with spring, made of stainless-steel. 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-21/1318-N:** wideband monopole antenna for portable radio devices with N male connector  
**AD-21/1318-F:** antenna **AD-21/1318-N** with the fixed mount **ADN-21/N** for mobile applications  
**AD-21/1318-M:** antenna **AD-21/1318-N** with the magnet mount **ADM-21/N** for mobile applications

Frequency range	130 - 180 MHz
Impedance	50 ohm
VSWR	< 2 (DIAG. 1)
Gain	DIAG. 2
Polarization	VER.
Maximum power	50 W CW
Connector	N male
Height	1025 mm
Weight:	
- antenna AD-21/1318	300 g
- magnet mount ADM-21/N	850 g
- fixed mount ADN-21/N	200 g
Wind velocity	180 km/h
Temperature range	-40....+70 °C



**Fixed mount  
ADN-21/N**



**Magnet mount  
ADM-21/N**



**Antenna  
AD-21/1318-N**



