

The antenna AD-64/F is the ultra wideband manpack antenna intended for use with modern broadband software defined radios (SDR) and other radio devices (jammers, scanners, etc.). The antenna is a sleeve dipole center fed design thus enable to work without the presence of the ground plane.

Radiation part of the antenna is fully enclosed in a fiberglass radome. The antenna is also equipped with the flexible goose neck allowing the antenna to be bent in almost every position. The antenna construction is rugged and intended for use in the harshest military environments.

ELECTRICAL SPECS.:	
Frequency range	400 - 2800 MHz
Impedance	50 ohms
VSWR	< 3 (See diagram)
Gain	-4 ... +2 dBi(See diagram)
Polarization	Linear Vertical
Radiation Pattern	Omnidirectional
Maximum power	50 W CW
Connector	TNC male
MECHANICAL SPECS:	
Design	Dipole
Height	500 mm
Weight	0.44 kg
Color	Black
Radome Diameter	28 mm
ENVIRONMENTAL SPECS:	
High Temperature - Storage	MIL-STD-810G; Method 501.5; Proc. I; +75 °C for 96h
High Temperature - Operating	MIL-STD-810G; Method 501.5; Proc. II; +65 °C for 16h
Low Temperature - Storage	MIL-STD-810G; Method 502.5; Proc. I; -55 °C for 96h
Low temperature - Operating	MIL-STD-810G; Method 502.5; Proc. II; -40 °C for 16h



