

### WOLF PACK 25w Transportable HF/VHF Antenna

Based on the highly successful "WOLF" antenna in worldwide use, the 25w WOLF PACK antenna has been designed for light weight RAPID DEPLOYMENT NVIS and also when Regional range is required. It also features an extended frequency range to 60Mhz typical for battery powered transportable and Man Pack HF/VHF Radio Transceivers. It operates from 2-60Mhz covering HF and VHF/Low.

The "25w" WOLF PACK Folded Dipole antenna is a NVIS to regional coverage antenna intended for near through mid-ranges (0-1000mi) HF, and LOS for VHF Low communications in environmental disasters, 1<sup>st</sup> Response and official/govt scenarios. WOLF PACK offers a rapid deployment and tear down time for use when a fast communications setup is essential.

Power rating for the WOLF PACK antenna is 25watts Data/50watts PEP. The small size and 3.2lb Wolf Pack system is designed for the single person man-pack radio operator. A roll-up Mast system can be added to provide a 5mtr height capability in the WOLF PACK Kit covering HF/VHF Low in an all in one kit.

The compact, combined, and fully encapsulated balun/load is excellent for light weight and rapid deployment. The radiating elements are very flexible Kevlar cored with mesh wire radiator and finished with a PVC weather proof covering to provide a flexible, strengthened and very rugged antenna system providing high durability.



The WOLF PAC antenna can be configured as a Flat Top NVIS antenna, Inverted "V" for medium to long ranges, or a sloping directional antenna.

The strong NVIS (Near Vertical Incidence Skywave) characteristics allow for communications over mountainous terrain or in the jungle environments, and its broadband coverage makes it an excellent antenna for ALE (Automatic Link Establishment) Operations or frequency hopping without the need for a tuner/coupler thus reducing system costs, a failure point and overall weight.

No radial ground plane or grounding is required, making the Antennas ideal for mobile, fixed, and roof top installations.

Antenna	Specifications
Frequency	2-60 Mhz, HF/VHF Low
Power Output	25w data, 50w PEP
Impedance	50 Ohms
Polarization	Horizontal
VSWR	1.5:1 Typical, 3.1:1 Max
Pattern	Essentially Omni at all HF
Operational Temp.	-35° to +70°C
Accessories Supplied	RG 174/BNC, Stakes/Halyard

Combined Balun/Load

