

HF 150W Expeditionary Broadband Antenna

The PTS folded dipole antenna system is designed and intended for NVIS (Near Vertical Incidence Skywave) and mid-range (0-1,000 miles) HF communications for Military, Commercial and 1st Responder scenarios. NVIS capabilities allow for communications over mountainous terrain or in jungle environments and its full 2-30 Mhz spectrum broadband coverage makes it an excellent antenna for ALE operations without the need for a tuner/ coupler thereby reducing system costs. The entire system with the optional roll-up mast can be erected in less than 7 minutes with less manpower than traditional systems.

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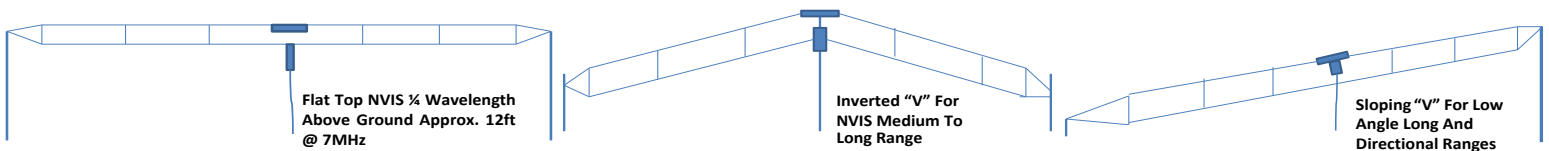


System Name	HF 150W Broadband NVIS Antenna (optional 400W)
PTS Part Number:	ANT-WWS-000101-2-1
Deployed Height:	Used on various mast heights - contact PTS for info
Deployed Width:	10m (32'.8")
System Stowed:	Antenna System 12" x 18" x 4"
System Weight:	2.75 kg (6 lbs)
Frequency Range:	2-30 MHz
Radiation Pattern:	Omnidirectional
Antenna Format:	Horizontally Polarised Folded Dipole
VSWR:	1.5 : 1 MAXIMUM
Power Rating:	150W using standard duty cycles and voice over radio transmit protocols (400W Optional)
Impedance:	50 ohms nominal
Environmental:	Compliant with relevant sections of MIL-STD-810G



* Mast not included. Please contact PTS for Mast Options.

Broadband Folded Dipole Antenna



We are an expeditionary communication solutions provider actively answering customer challenges and delivering innovative and cost-effective solutions.

