

RAVEN – Rapid Deployable Folded Di-pole HF Antenna

ANT-PTS-000150-2-1



The Raven is a horizontally polarized folded dipole antenna expeditionary system for Near Vertical Incidence Skywave (NVIS) 0-2,000 miles HF communications. It's a system that prioritizes ease of use and quick deployment. Its full spectrum 1.8-30 MHz broadband coverage makes it an excellent antenna for ALE operations, eliminating the need for a tuner, coupler, and grounding rod. The entire expeditionary system, with the optional roll-up mast, can be deployed in 5 minutes, requiring less manpower, cost, and weight than traditional systems.

PHYSICAL	
Stored Dimensions	6" x 15" x 12"
Weight	3.99kg (8.8 lbs)
Color / Finish	Olive – 34094
Max Req. Width	16.76M (55')

ELECTRICAL	
Frequency Range	1.8 - 30 Mhz
RF Power Capacity	150W
VSWR	1.5:1 Max
Impedance	50 Ohms Nominal
Radiation Pattern	Omnidirectional
Polarization	Horizontal

MECHANICAL	
RF Coaxial	RG8X 15.24m (50')
RF Connector	BNC, male Type N, male