



Ground deployment

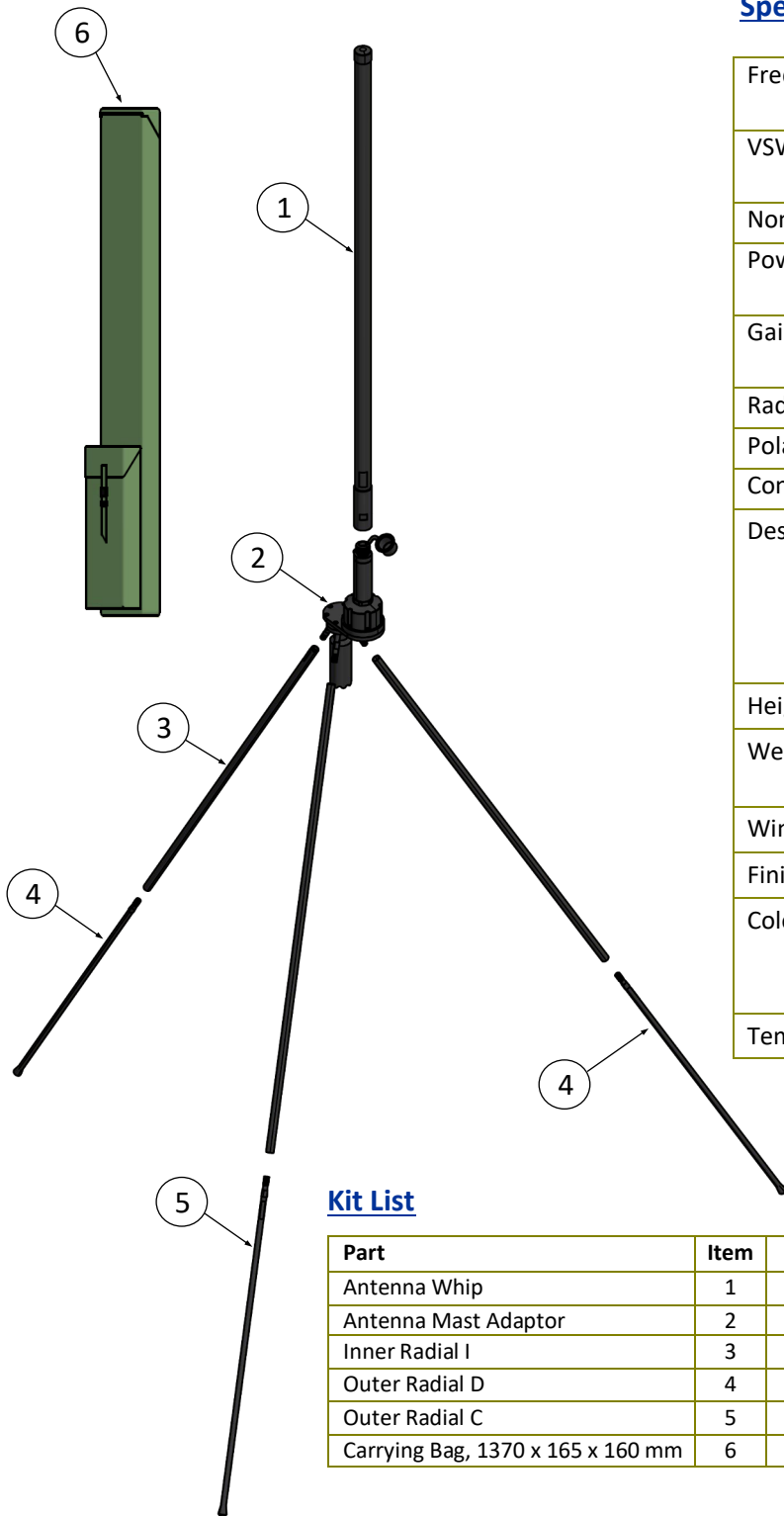
Description

- Tactical Dual-band Elevated Antenna Kit
- Antenna frequency range:
VHF (30-512MHz), UHF (225-2000MHz)
- Two connector ports VHF & UHF
- VHF monopole with tripod ground-plane legs, UHF dipole
- Tripod for ground level antenna deployment
- Socket and spigot mounting options including 50mm socket, 40mm socket, Comrod AMX85 mast, Comrod ULM48 mast.
- Complete tripod kit supplied in one compact man-portable bag



Deployed on Comrod sectional mast

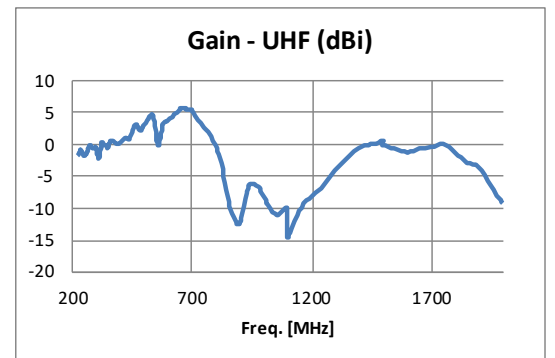
Specification - Antenna and Tripod Assembly



Frequency range	VHF: 30-512 MHz UHF: 225-2000 MHz
VSWR	VHF: < 3.5:1 UHF: < 3.5:1
Nominal impedance	50 Ω
Power rating	VHF: 50 W UHF: 50 W
Gain	VHF: -7.5 to 1.5 dB rel. ¼-whip UHF: Diagram below (typical)
Radiation pattern	Omni-directional within ±2 dB
Polarization	Vertical
Connector	VHF: TNC female UHF: N female
Design	VHF monopole, UHF dipole, L-band dipole elements. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Height	3.1 m (10 ft) - Antenna + Tripod
Weight	Whip: 1.4 kg (3 lbs), Tripod: 4 kg (8.5 lbs)
Wind rating	55 m/s (125 mph)
Finish	Polyurethane lacquer
Colour	Whip and Radials - Green, other colours available on request Antenna Base - Black
Temperature range	-55°C to +71°C, -67°F to +160°F

Kit List

Part	Item	Qty
Antenna Whip	1	1
Antenna Mast Adaptor	2	1
Inner Radial I	3	3
Outer Radial D	4	2
Outer Radial C	5	1
Carrying Bag, 1370 x 165 x 160 mm	6	1



Antenna Options

Product	Description
Coaxial Cables	Available with various cable types, lengths and connector combinations
Diplexer 88225	Used to split the VHF port into 30-88 MHz & 225-512 MHz