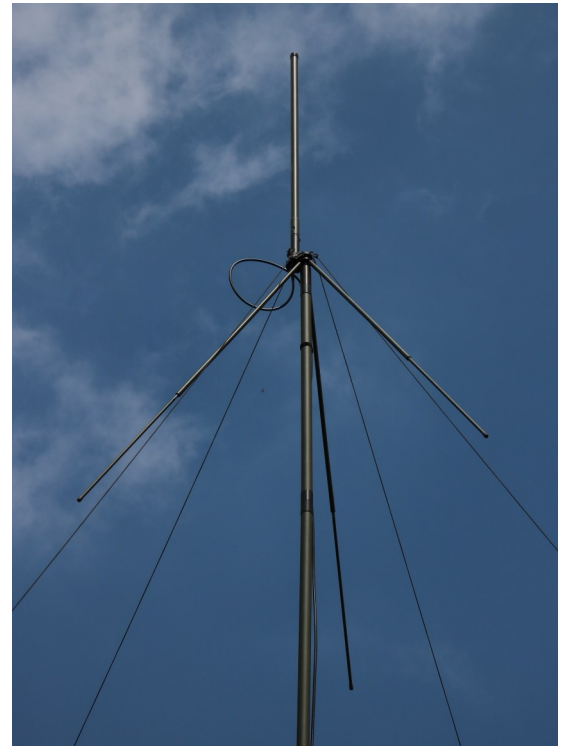




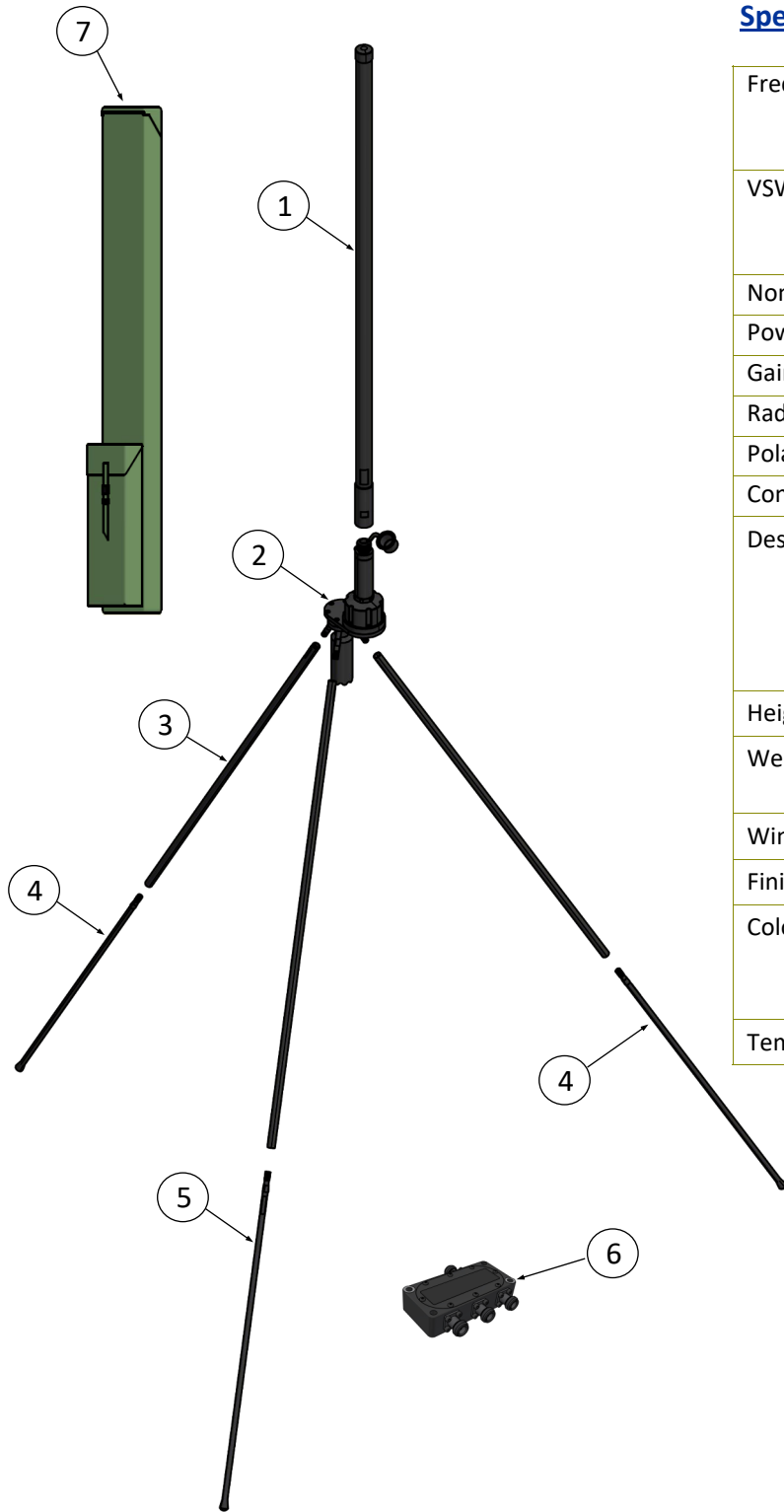
Ground deployment

Description

- Tactical Triband Elevated Antenna Kit
- Frequency range:
VHF (30-88 MHz), UHF (225-450 MHz),
L-S Band 1200-2600 MHz
- Single connector port for VHF, UHF and
L-S Band
- Supplied with TRIPLEX302600 triplexer
- VHF monopole with tripod ground-plane
legs, UHF dipole, L-S Band dipole.
- Tripod legs for ground deployment.
- Mast interface mounting options:
Socket - 40, 42 or 50 mm
Spigot - 24mm
AMX series mast socket
ULM48 series mast socket
- Complete tripod kit supplied in one
compact man-portable bag



Elevated deployment on Comrod sectional mast



Specification - Antenna and Tripod Assembly

Frequency range	VHF: 30-88 MHz UHF: 225-450 MHz L-S Band: 1200-2600 MHz
VSWR	VHF: < 3.5:1 UHF: < 3.0:1 L-S Band: < 3.0:1
Nominal impedance	50 Ohm
Power rating	VHF: 75 W, UHF: 75 W, L-S Band 50 W
Gain	See graphs
Radiation pattern	Omni-directional within ± 2 dB
Polarization	Vertical
Connector	N Type Female
Design	VHF monopole, UHF dipole, L-S 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

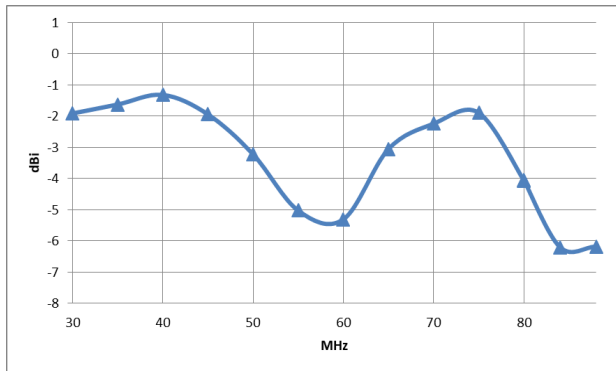
Electrical specification - TRIPLEX302600

Frequency range	VHF: 30-88 MHz UHF: 225-450 MHz L-S Band: 1200-2600 MHz
VSWR	< 1.5 typical, (max 1.8)
Nominal impedance	50W
Power rating	VHF: 75W CW UHF: 75W CW L-S Band: 50W CW
In Band Loss	VHF: < -0.5dB UHF: < -0.5dB L-S Band: < -0.8dB
Isolation	VHF to UHF/L-Band -35dB UHF to VHF/L-Band: -33dB L-Band to VHF/UHF: -30dB
Connector	4 x N type (f)

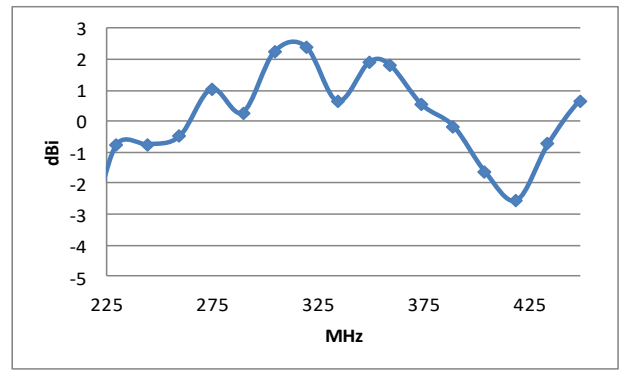
Kit List

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
Triplexer 30-2600 MHz	6	1
Carrying Bag, 1370 x 165 x 160 mm	7	1

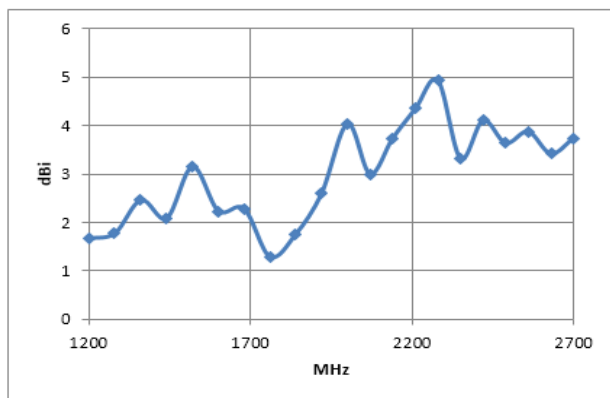
Gain Curves



VHF gain, dBi



UHF gain, dBi



L-S band gain, dBi

Options

Product	Description
Coaxial Cables	Available with various cable types, lengths and connector combinations
Tie Down Strap Kit	Used to secure the tripod when deployed directly onto the ground. Supplied with single ground stake.



Tie down strap kit with stake for secure ground mounting