

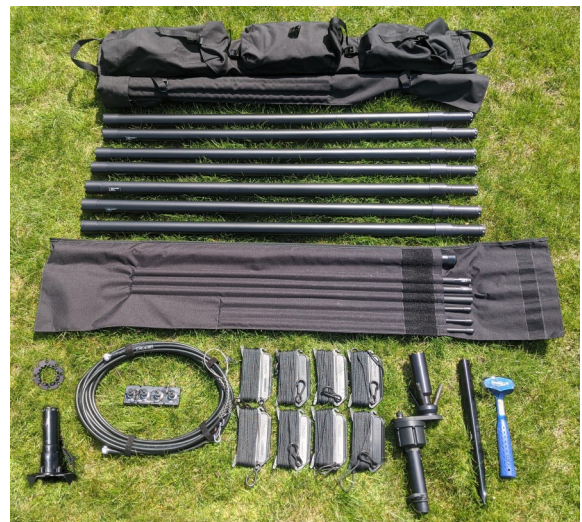


ETAMS deployed

- Tactical Tri-band Antenna and 27.9 ft (8.5 m) mast kit
- Compatible with legacy and modern networking waveforms
- Antenna frequency range:  
VHF (30-88MHz), UHF (225-450MHz),  
L-S band (1200-2600MHz)
- Single port Antenna design reduces cabling to antenna
- High isolation between bands
- Antenna tripod included for ground level deployment
- Coaxial Cable (LMR400) and Triplexer included
- 27.9 ft (8.5 m) man-portable support mast (AMX85)
- Complete kit supplied in one compact bag
- System can be deployed in less than 10 minutes
- Lower guys can be replaced with an HF wire antenna for additional 1.6-30 MHz frequency range coverage.



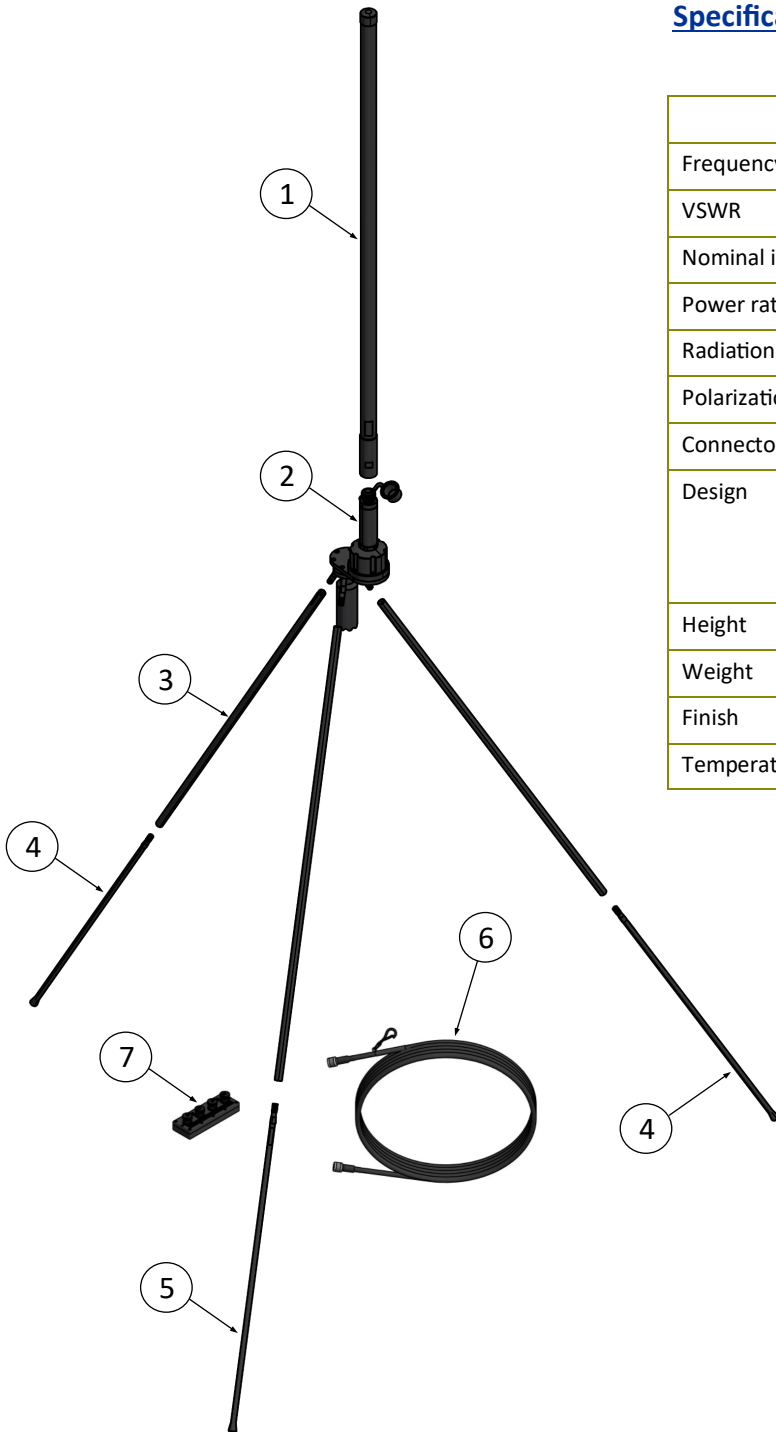
Antenna and mast kit supplied in one compact carrying bag



Antenna and mast kit removed from bags

## Specification - Antenna Assembly

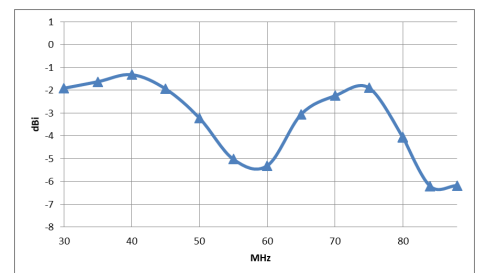
	VHF	UHF	L-S band
Frequency range	30-88 MHz	225-450 MHz	1200-2600 MHz
VSWR	< 3.5	< 3.0	< 3.0
Nominal impedance	50 Ω		
Power rating	75 W	75 W	50 W
Radiation pattern	Omnidirectional within ±2 dB		
Polarization	Vertical		
Connector	N type Female		
Design	VHF monopole, UHF dipole, L-S band dipole elements. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, aluminum and stainless steel.		
Height	10 ft (3.1 m) - Antenna + Tripod		
Weight	Whip: 3.1 lbs (1.4 kg), Tripod: 8.3 lbs (3.8 kg)		
Finish	Polyurethane lacquer		
Temperature range	-67°F to +160°F, -55°C to +71°C		



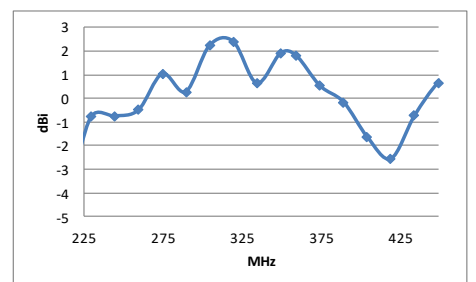
### Antenna Kit List

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
Coaxial Cable (LMR400) 40ft (12m)	6	1
Triplexer	7	1
Antenna Roll-Up Bag (not shown)	-	1

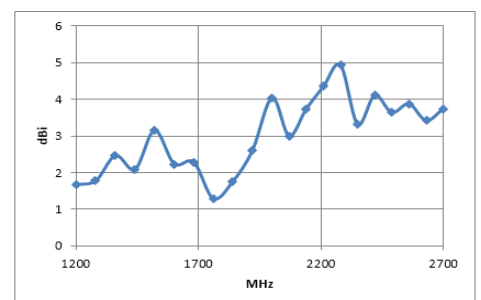
VHF gain, dBi



UHF gain, dBi

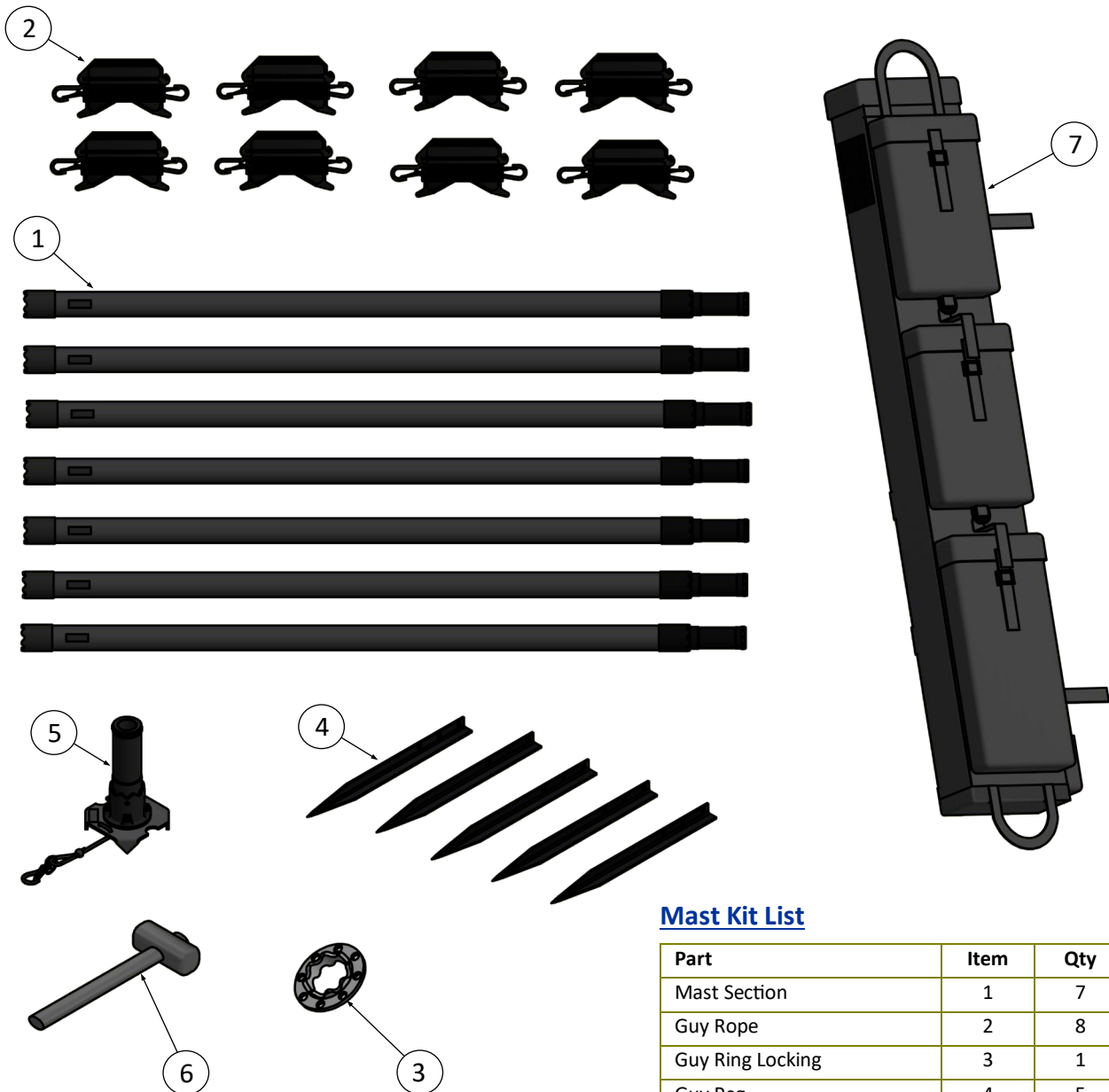


L-S band gain, dBi



## Specification - Mast Assembly

Mast sections	Fiberglass tube outside diameter $\varnothing$ 1.75 in ( $\varnothing$ 44.5 mm), 52 in (132 cm) long. Green, tan or black paint finish.
Total mast kit weight	32.7 lbs (14.9 kg)
Top interface	$\varnothing$ 1.53 in ( $\varnothing$ 39 mm) OD spigot, 4 in (100 mm) long (to fit 1.57 in (40 mm) socket)
Guys	4 x upper and 4 x middle guys. 1/8 in (3 mm) braided rope on winder with adjustable lock and snap hooks each end
Guy pegs	5 pcs steel
Base support	Baseplate
Wind speed (Max)	60 mph (96 km/h ), including gust
Temperature range	-67°F, +131°F, -55°C, +55°C



### Mast Kit List

Part	Item	Qty
Mast Section	1	7
Guy Rope	2	8
Guy Ring Locking	3	1
Guy Peg	4	5
Baseplate	5	1
Hammer	6	1
Carrying Bag	7	1

## Overall Dimensions

System Weight:  
50.5 lbs (23kg)

