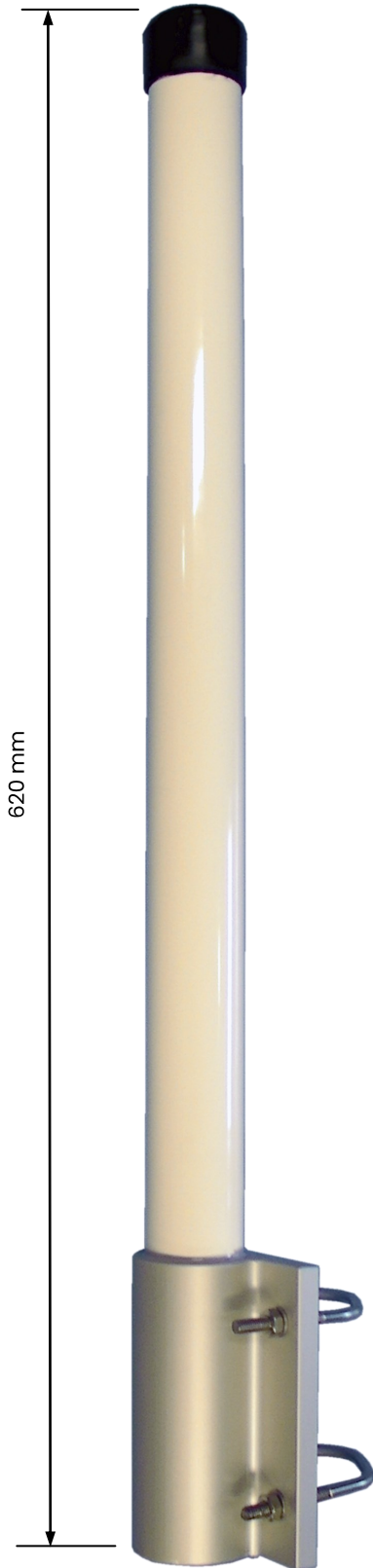


## UHF1227M

UHF broadband whip, dipole, high gain, 0.62 m, 1200–2700 MHz

**Tactical Antennas: Tactical and Base Station**



### Application

- Ultra broadband 1200–2700 MHz
- High gain
- No tuning required, high efficiency across the complete band
- Stacked dipole design, ground plane independent
- Suitable for operation on shelters and masts or in other permanent installations
- Supplies with U-bolts for mounting on a  $\varnothing 25$ –65 mm pole
- Rugged high quality antenna with a durable construction

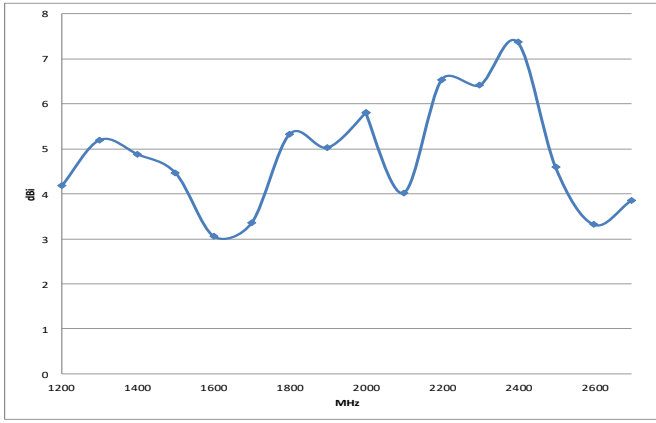
### Electrical Specifications

<b>Frequency Range</b>	1200–2700 MHz
<b>VSWR</b>	$\leq 3.5:1$
<b>Nominal Impedance</b>	50 $\Omega$
<b>Power Rating</b>	100 W PEP
<b>Gain</b>	Average 5 dBi – see curve
<b>Radiation Pattern</b>	Azimuth: Omnidirectional Vertical: See plots
<b>Polarisation</b>	Vertical
<b>Connector</b>	N female (options available)

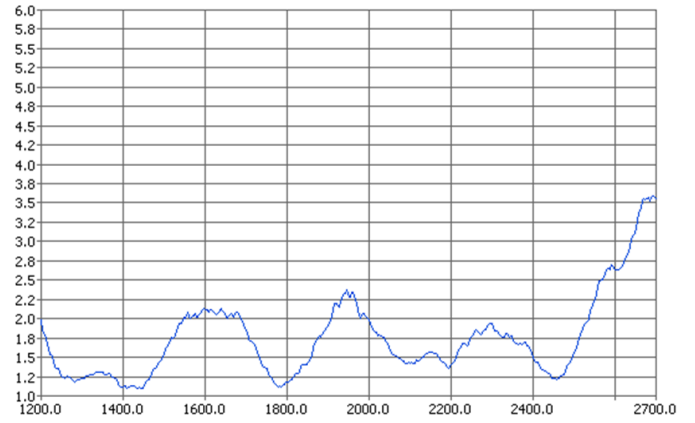
### Mechanical Specifications

<b>Design</b>	Centre fed stacked dipoles. Radiating element completely enclosed in epoxy/fibreglass laminate. Metal parts are brass, aluminium and stainless steel.
<b>Length</b>	0.62 m
<b>Weight</b>	1 kg
<b>Wind Rating</b>	55 m/s = 201 km/h
<b>Finish</b>	Polyurethane lacquer, white (other colours available)
<b>Temperature Range</b>	- 55°C to+ 71°C

## Measurement Results

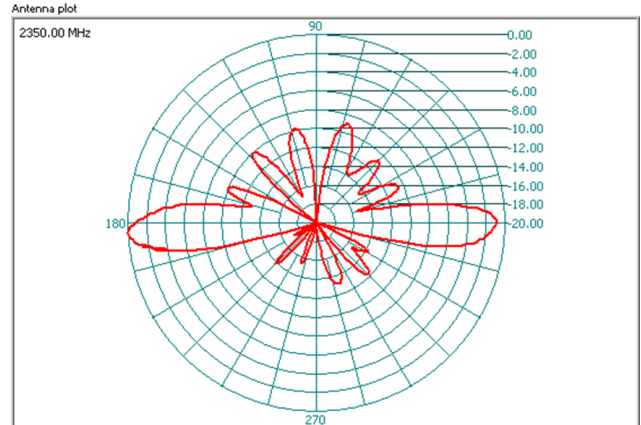
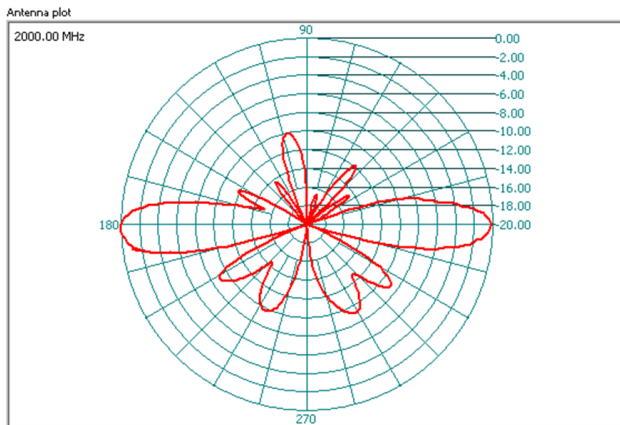
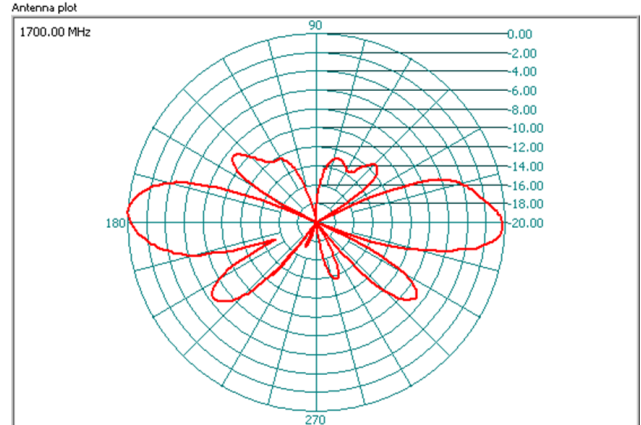
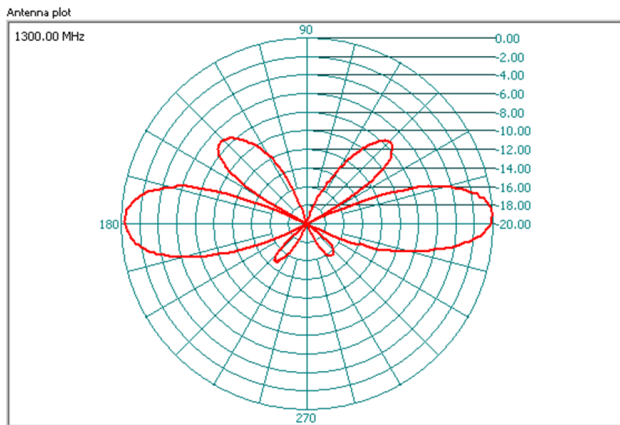


**Gain**



**VSWR**

## Radiation Patterns



September 2018

All specifications are subject to change without notice  
The information contained herein is for reference only and does not constitute a warranty of performance

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