

UHF1227M

0.62 m, UHF, Cellular, LTE, 5 dBi, one piece whip, dipole, end feed, mast mount, 1200–2700 MHz

Commercial and Marine Antennas



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

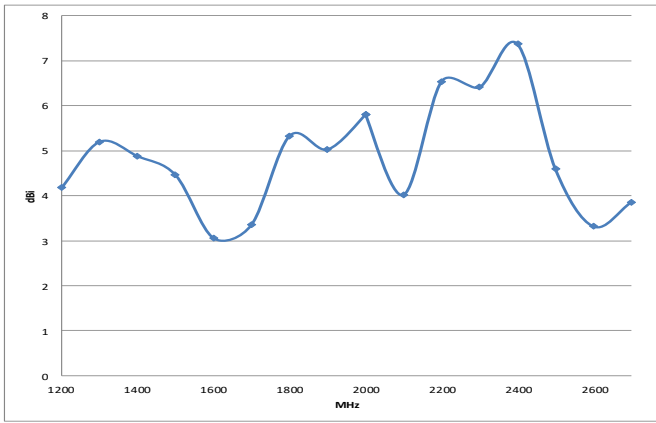
Electrical Specifications

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

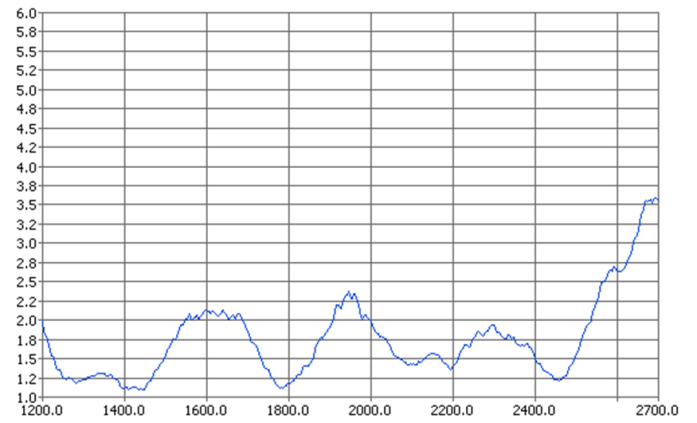
Mechanical Specifications

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

Measurement Results

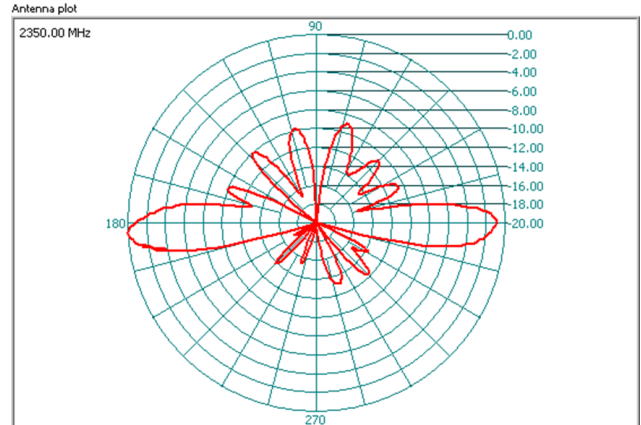
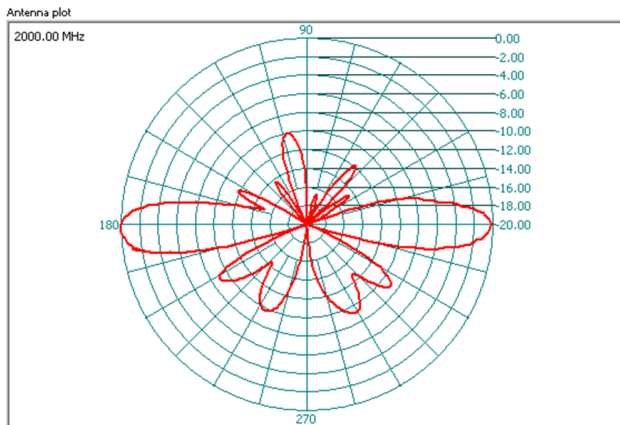
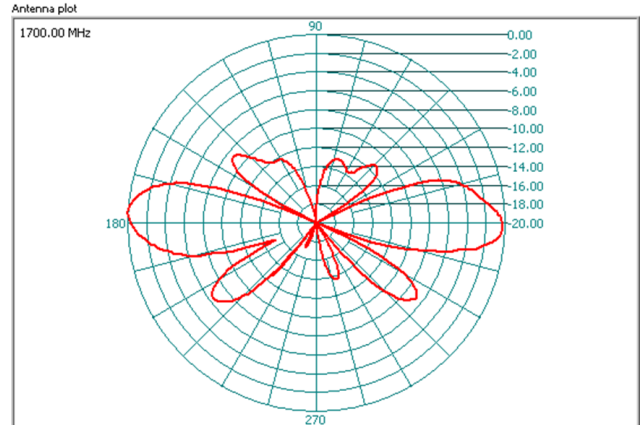
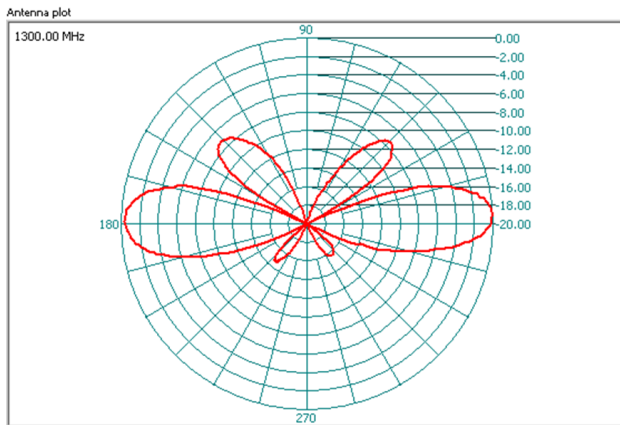


Gain



VSWR

Radiation Patterns



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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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