

VHF136174EFD

VHF vehicle whip, magnetic mount, built-in L1 GPS, dipole, 1.2 m, 136-174 MHz

Tactical Antennas: Vehicle Mount



Features

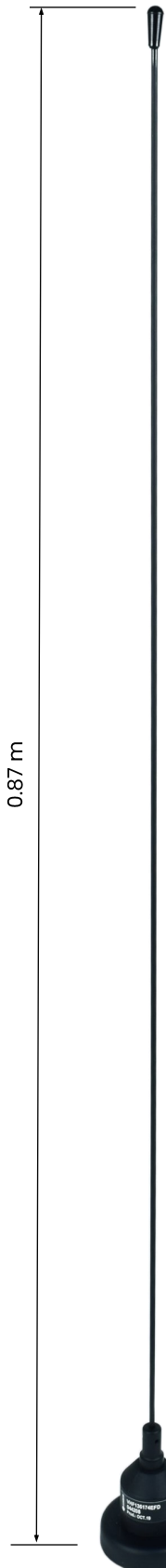
- VHF: 136-174 MHz
L1 GPS: 1575.42 ± 10 MHz
- End fed dipole design, no ground plane required
- Passive L1 GPS element built into the whip
- 60 mm magnetic base
- Removable rubber cap over magnet for surface protection and reduced pull strength
- Designed for operation on all military and civilian platforms
- Rugged high quality antenna with a durable construction

Electrical Specifications

Frequency Range	136 - 174 MHz
VSWR	< 2.2:1 - 147-158 MHz < 3:1 - 136-174 MHz
Nominal Impedance	50 ohm
Power Rating	25 W CW (3 mins)
Gain	See diagram
Radiation Pattern	Azimuth: Omnidirectional Elevation: See overleaf
Polarisation	Vertical
Connector	BNC Male on 3 m coaxial cable

Mechanical Specifications

Design	End fed dipole, L1 GPS built into base. Metal parts are plated brass and stainless steel.
Length	0.87 m
Weight	1.2 kg
Wind Rating	55 m/s = 201 kph
Colour	Black
Temperature Range	- 55°C to + 71°C



0.87 m



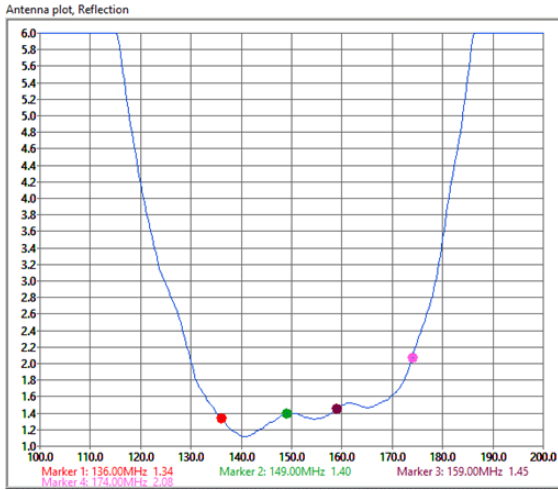
The antenna is supplied with a 0.2 m coaxial tail connected to a 3 m coaxial cable. The cable connection is BNC (f) to BNC (m) and is waterproofed.

The 3 m cable can be replaced in the event of damage.

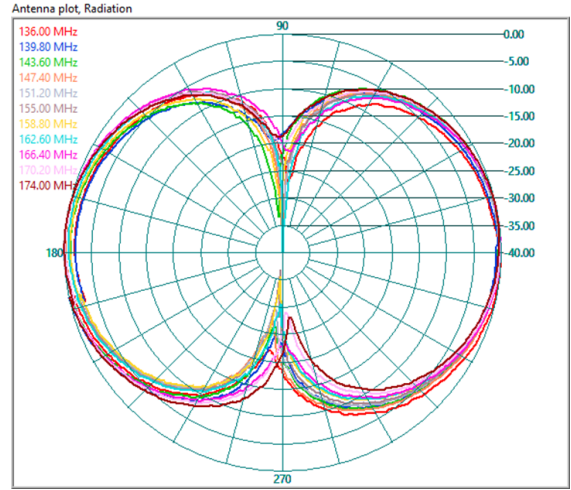


BNC (f)

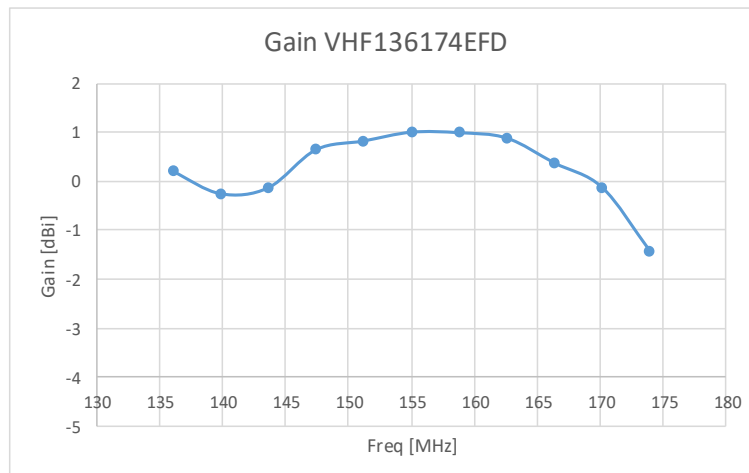
VSWR (typical)



Elevation Patterns



Gain (typical)



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The information contained herein is for reference only and does not constitute a warranty of performance

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