

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 base
- 60mm magnetic base
- Removable rubber cap over magnet for surface protection and reduced pull strength.
- Designed for operation on all military & civilian platforms

Electrical Specification

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) 50 W CW (1 min)
Gain	See diagram
Radiation pattern	Azimuth: Omnidirectional Elevation: See overleaf
Polarisation	Vertical
Connector	BNC Male on 3m coaxial cable

Mechanical specification

Design	End fed dipole, L1 GPS built into base. Metal parts are plated brass and stainless steel.
Length	0.87 m (34 in)
Weight	1.2 kg (2.6 lbs)
Colour	Black
Wind rating	55 m/s = 125 mph
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F



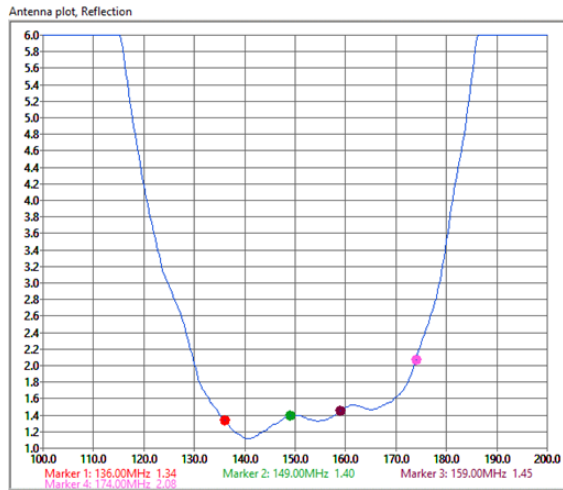
The antenna is supplied with a 0.2m coaxial tail connected to a 3m coaxial cable. The cable connection is BNC (f) to BNC (m) and is waterproofed.

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

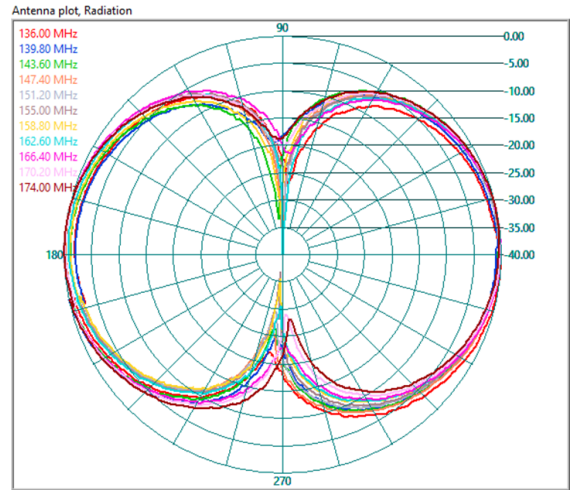


BNC (f)

VSWR (typical)



Elevation Patterns



Gain (typical)

