

AT-O-0.4-1-S



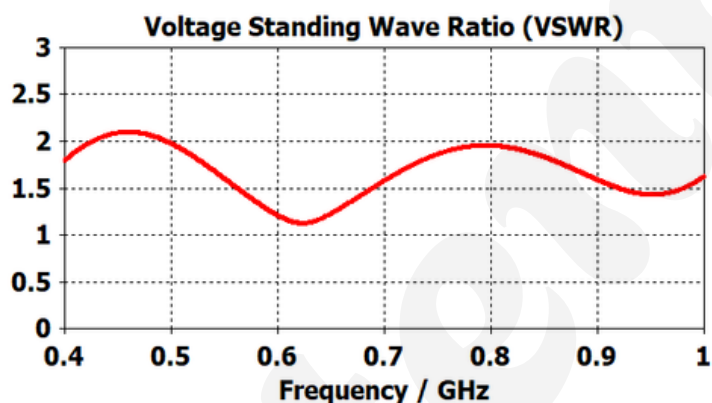
Key Specifications

Operating frequency band	400 MHz - 1 GHz
Connector	SMA female
VSWR	< 2:1
Gain	2 dBi
3dB Beamwidth	60-100 degrees
Polarization	linear/vertical
Size	height 35 cm, dia 10cm
Power	50 W c.w.

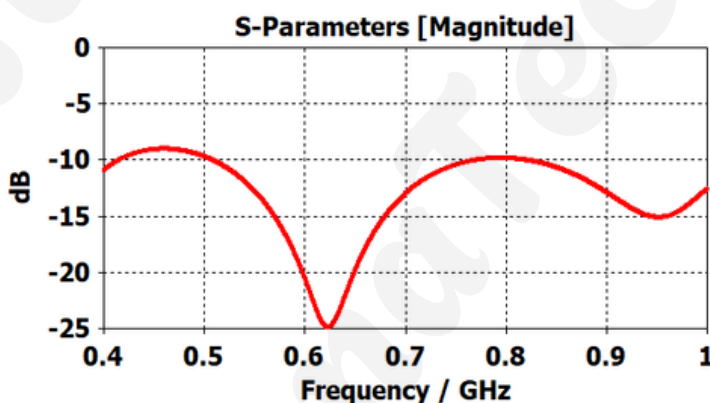
This wideband end-fed dipole antenna operates across 400 MHz–1 GHz frequency range and provides reliable vertically polarised coverage for communication, monitoring, and field-deployed RF applications. Its compact radome structure, 50 W power handling, and stable radiation behaviour make it suitable for fixed and mobile installations, telemetry links, wireless monitoring nodes, and broadband UHF communication platforms requiring practical integration and dependable signal coverage.

Please contact AntennaTec for a full interface control drawing.

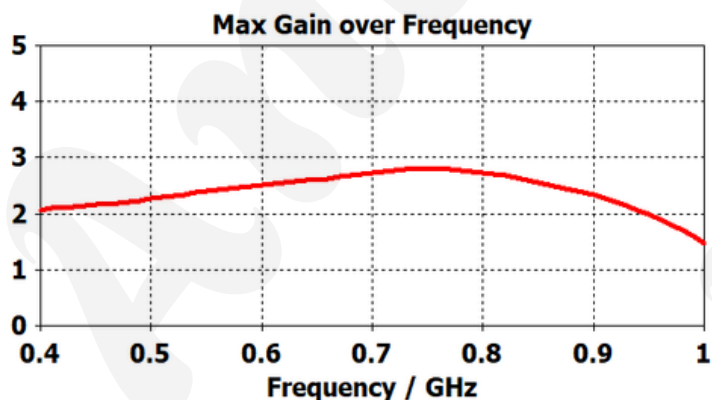
VSWR



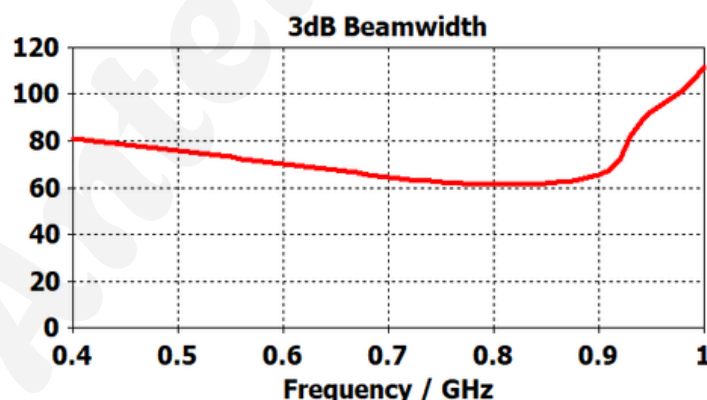
S11



Gain



Beamwidth



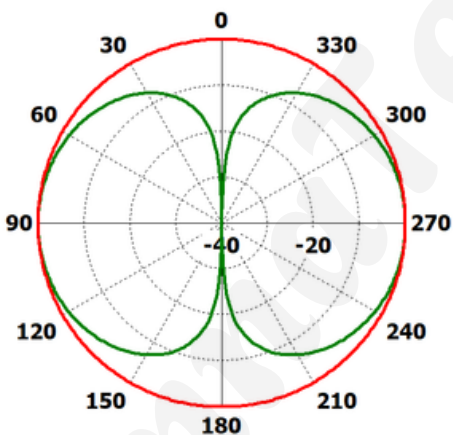
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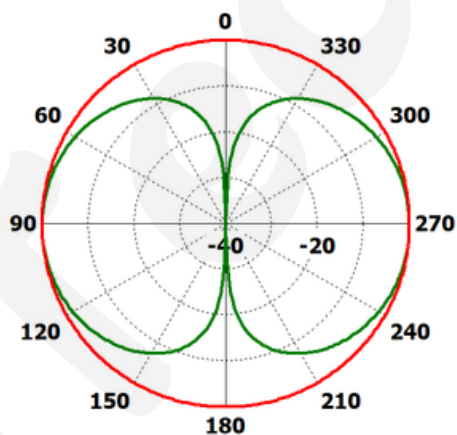
400 MHz-1 GHz vertically polarized endfed dipole antenna fitted with an SMA connector and radome

Radiation Patterns: Red = Azimuth; Green= Elevation

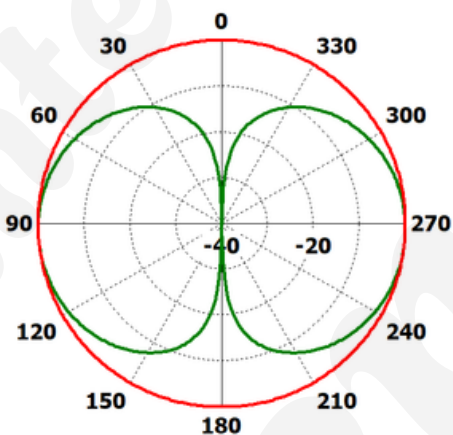
0.4GHz



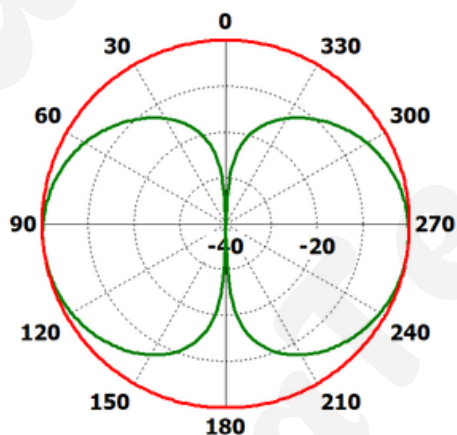
0.5GHz



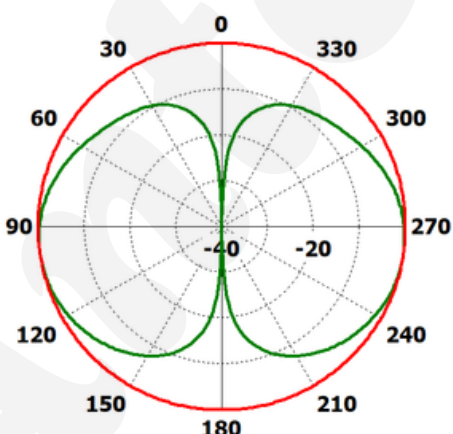
0.6GHz



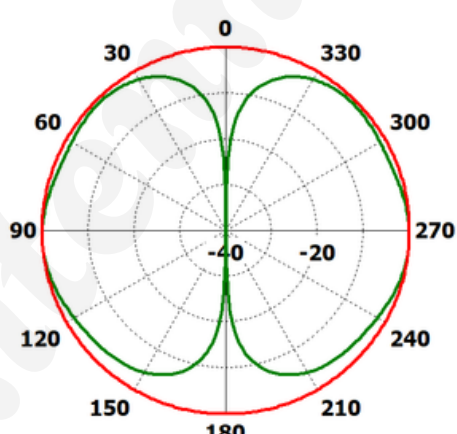
0.7GHz



0.8GHz



1GHz



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