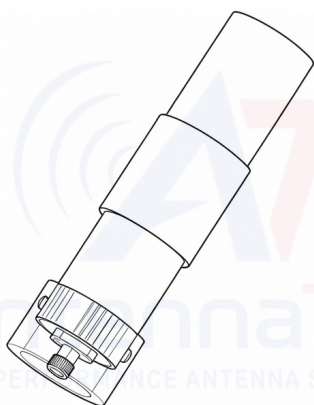


AT-O-1-3-S



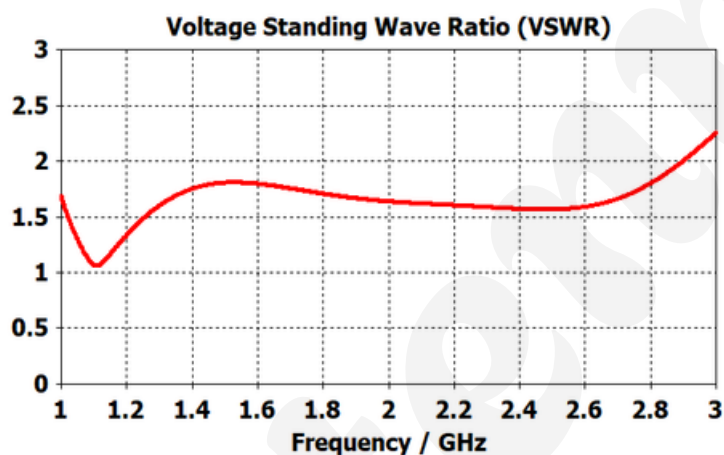
Key Specifications

Operating frequency band	1-3 GHz
Connector	SMA female
VSWR	< 2:1
Gain	2 dBi
3dB Beamwidth	55-90 degrees
Polarization	linear/vertical
Size	height 10 cm, dia 3cm
Power	50 W c.w.

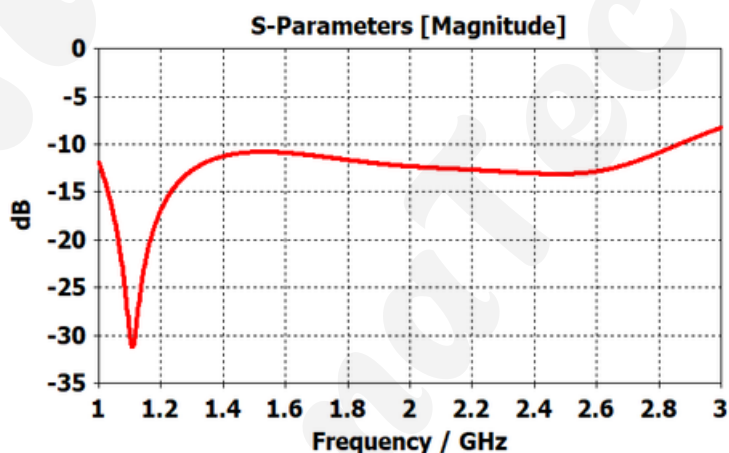
This compact end-fed dipole antenna operates across the 1–3 GHz frequency range and provides reliable vertically polarised performance for broadband wireless communication and RF monitoring applications. Its small radome-based structure, SMA interface, low VSWR, 2 dBi gain, and 50 W CW power handling make it suitable for UAV links, telemetry systems, portable wireless equipment, compact monitoring platforms, test setups, and field-deployed communication systems requiring practical integration, stable radiation behaviour, and dependable operation across a wide operating band.

Please contact AntennaTec for a full interface control drawing.

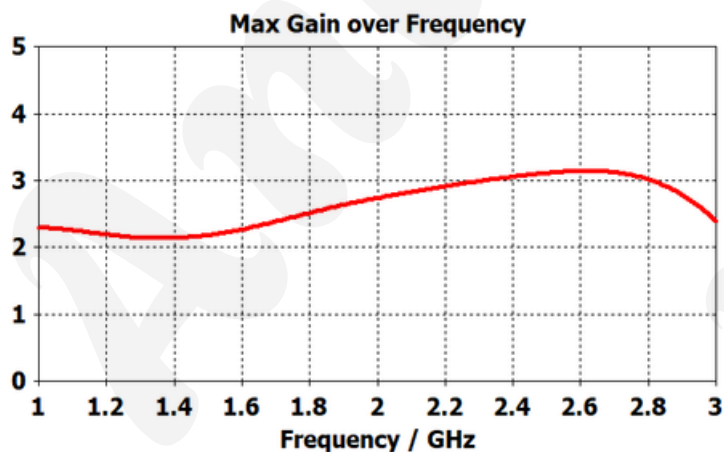
VSWR



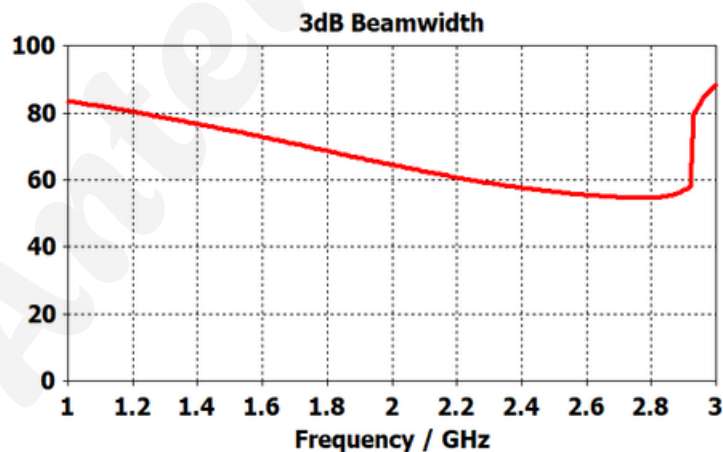
S11



Gain



Beamwidth

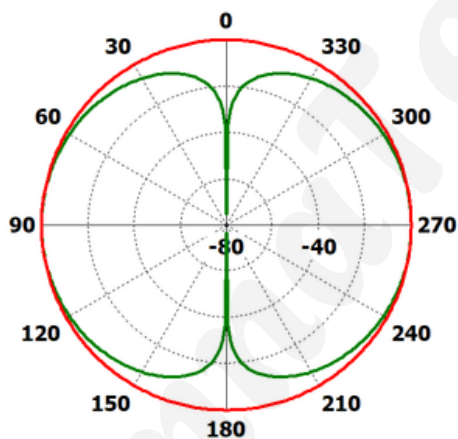


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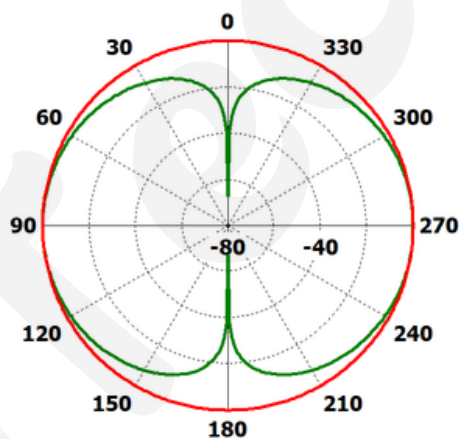


Radiation Patterns: Red = Azimuth; Green = Elevation

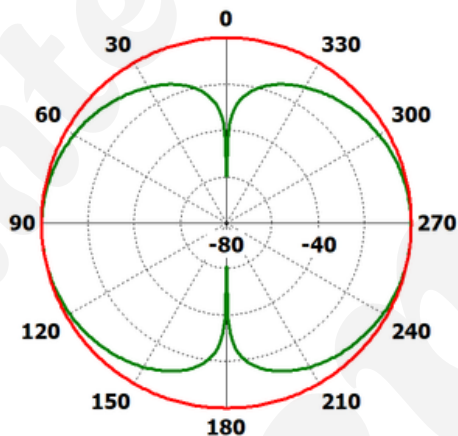
1GHz



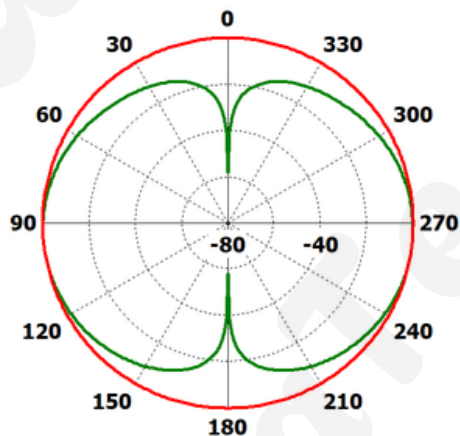
1.5GHz



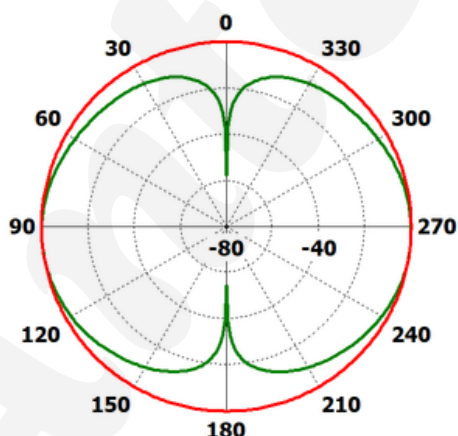
2GHz



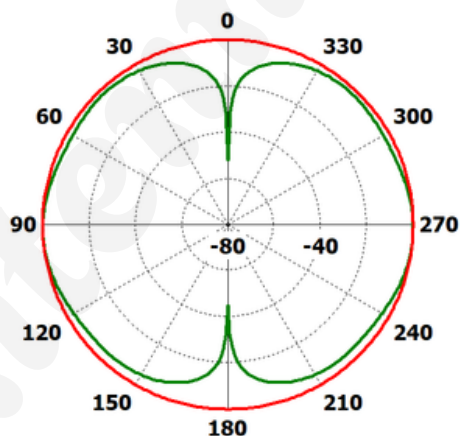
2.25GHz



2.5GHz



3GHz



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