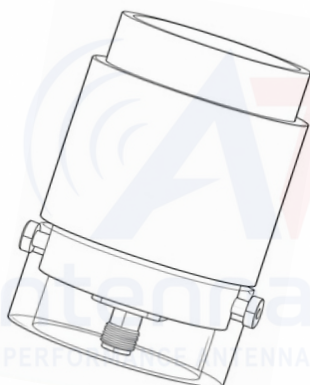


AT-O-3-6-S



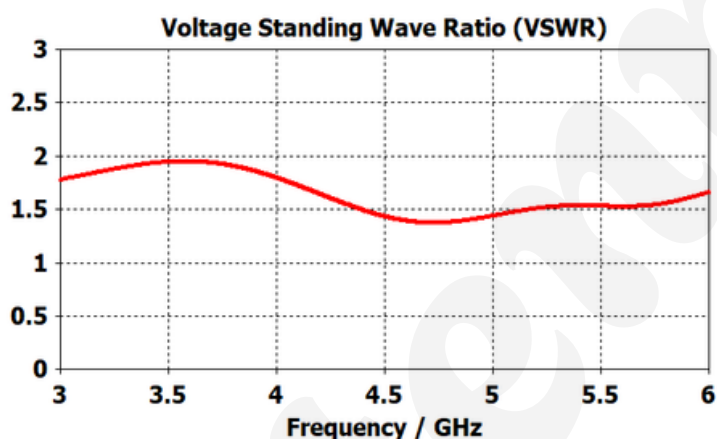
Please contact AntennaTec for a full interface control drawing.

Key Specifications

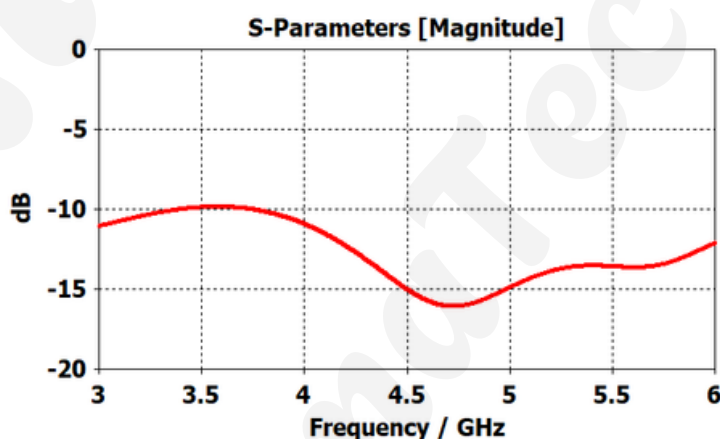
Operating frequency band	3-6 GHz
Connector	SMA female
VSWR	< 2:1
Gain	2 dBi
3dB Beamwidth	30-100 degrees
Polarization	linear/vertical
Size	height 58mm, dia 35mm
Power	50 W c.w.

This compact end-fed dipole antenna operates across the 3–6 GHz frequency range and provides vertically polarised broadband performance for compact RF communication and monitoring applications. Its small radome-based structure, SMA interface, low VSWR, 2 dBi gain, and stable radiation response make it suitable for UAV links, telemetry, portable wireless equipment, spectrum monitoring, RF test setups, field-deployed communication systems, and compact platforms requiring practical integration and dependable operation across the upper S-band and lower C-band frequency range.

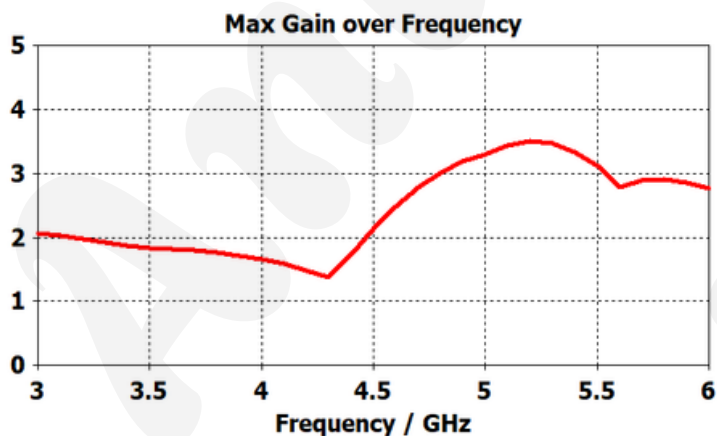
VSWR



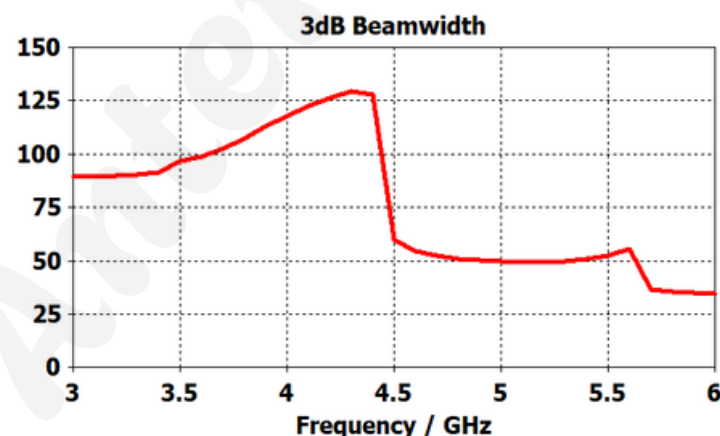
S11



Gain



Beamwidth

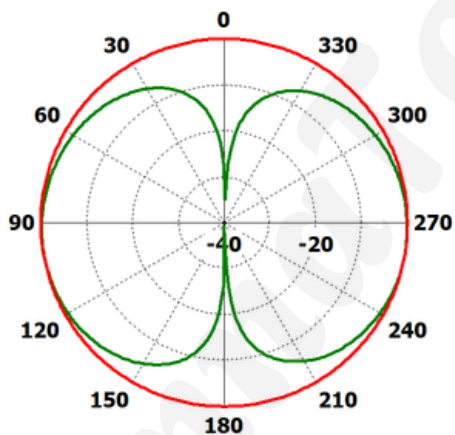


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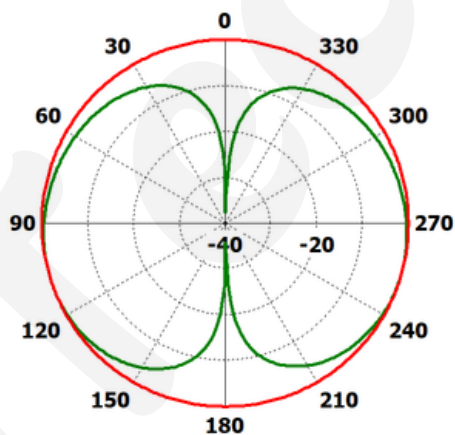


Radiation Patterns: Red = Azimuth; Green= Elevation

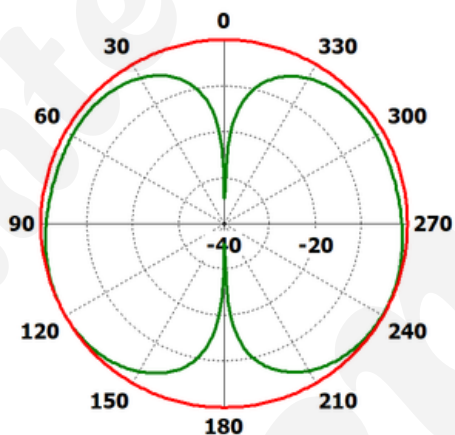
3GHz



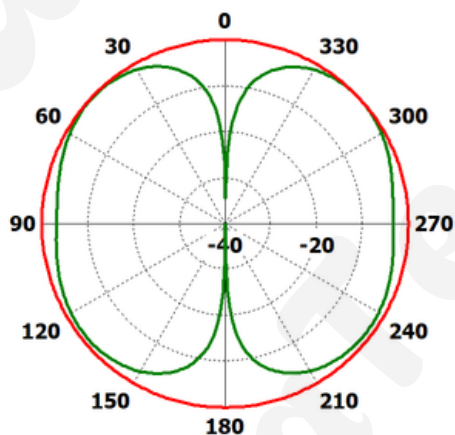
3.5GHz



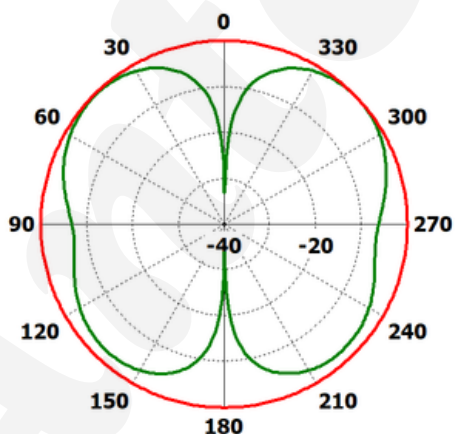
4GHz



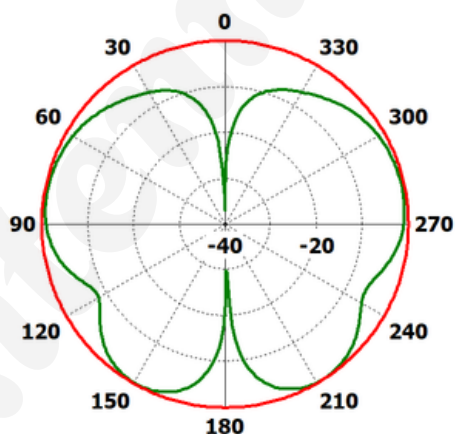
4.5GHz



5GHz



6GHz



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