

AT-L-0.3-0.5-N



Please contact AntennaTec for a full interface control drawing.

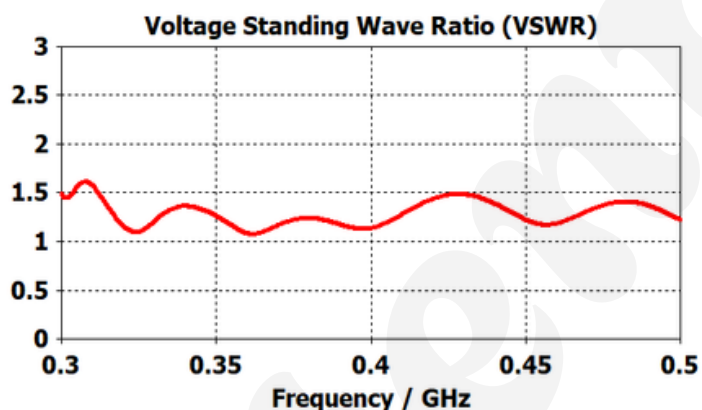
300-500 MHz linearly polarized LPDA antenna fitted with an N type connector

Key Specifications

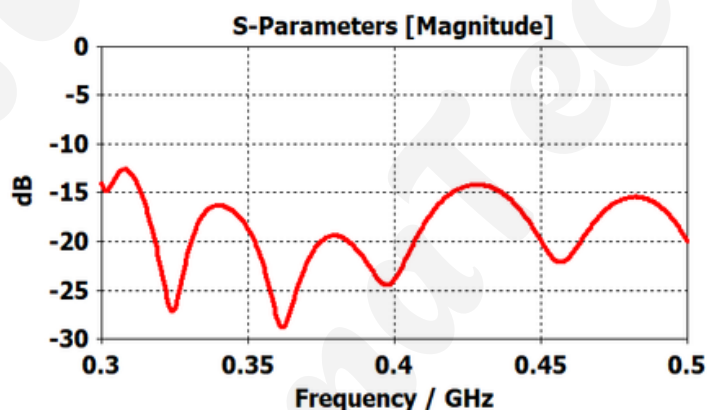
Operating frequency band	300 - 500 MHz
Connector	N type female
VSWR	< 2:1
Gain	> 6 dBi
3dB Beamwidth	60-70 degrees
Polarization	linear/vertical
Size	length 40cm, width 49.5cm
Power	200 W c.w.

This compact LPDA antenna operates across 300–500 MHz frequency range and provides dependable directional coverage for lower-UHF communication and monitoring systems. Its lightweight structure, stable gain response, and good impedance matching support fixed and mobile installations, telemetry links, field monitoring, spectrum observation, and application-specific wireless deployments requiring practical integration.

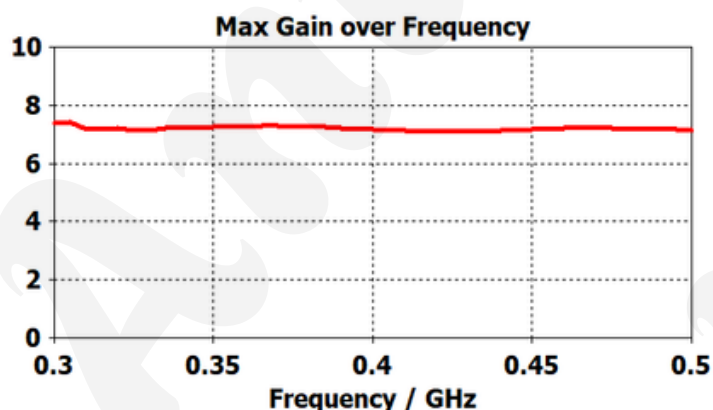
VSWR



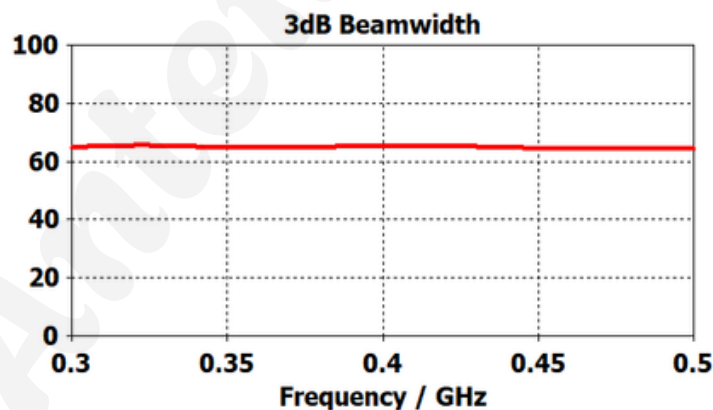
S11



Gain



Beamwidth

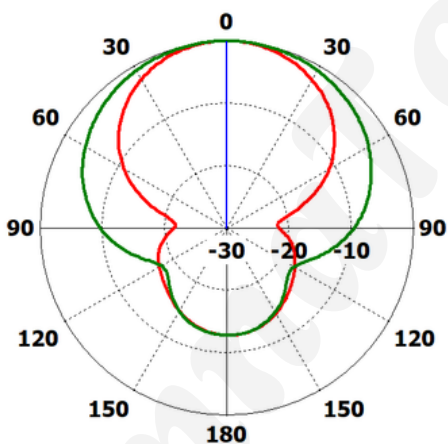


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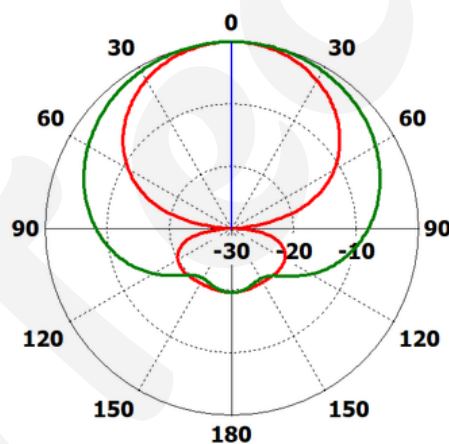


Radiation Patterns: Red = Phi 0; Green = Phi 90

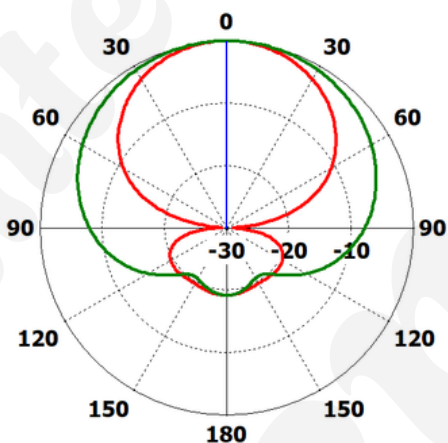
0.3GHz



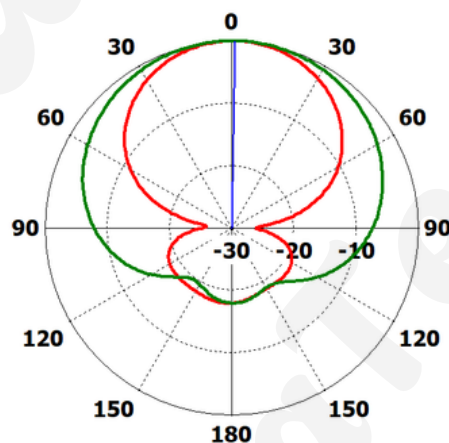
0.35GHz



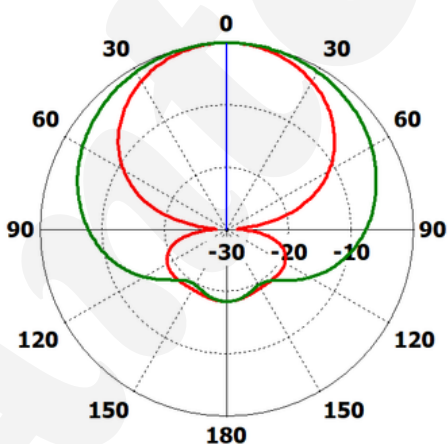
0.4GHz



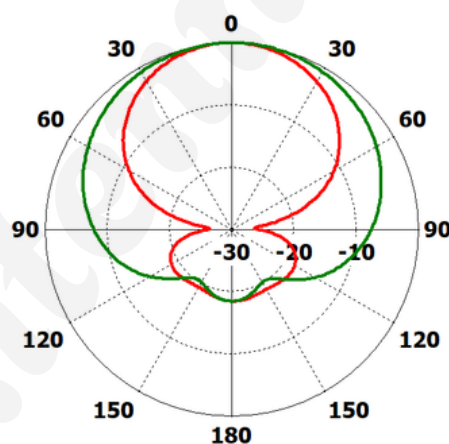
0.425GHz



0.45GHz



0.5GHz



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