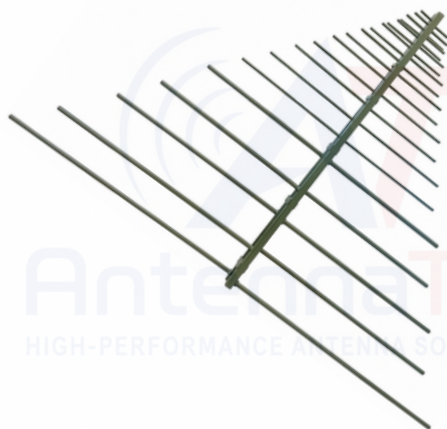


AT-L-0.05-0.41-N



Please contact AntennaTec for a full interface control drawing.

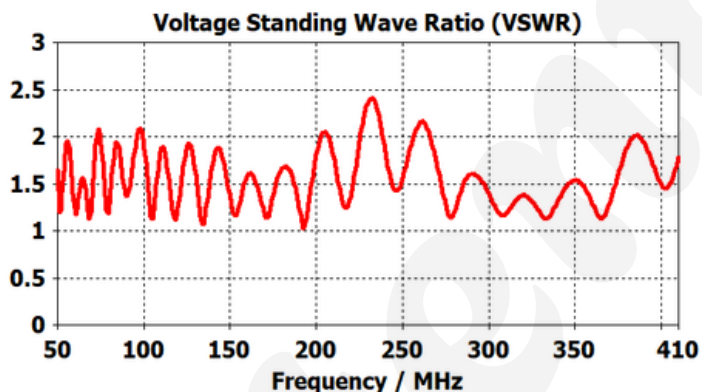
50-410 MHz linearly polarized LPDA antenna fitted with an N type connector

Key Specifications

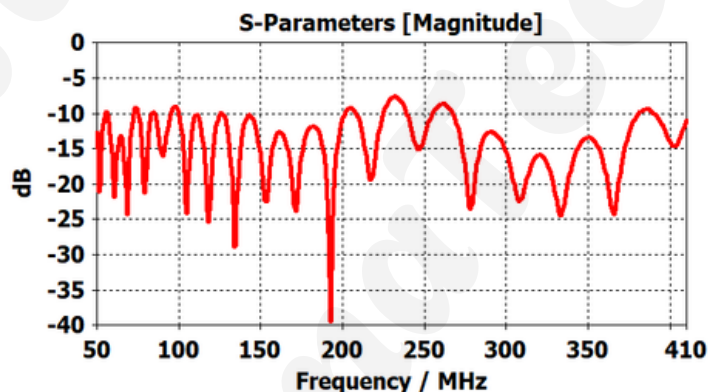
Operating frequency band	50 - 410 MHz
Connector	N type female
VSWR	< 2.5:1
Gain	> 5-9 dBi
3dB Beamwidth	30-70 degrees
Polarization	linear/vertical
Size	length 2m, width 3m
Power	200 W c.w.

This low-frequency LPDA antenna operates across 50–410 MHz range and provides wideband directional coverage for VHF and lower-UHF applications. Its large-aperture log-periodic structure supports stable gain, broadband impedance behaviour, and consistent radiation performance, making it suitable for long-range communication, low-frequency monitoring, RF surveillance, and wideband field-test applications.

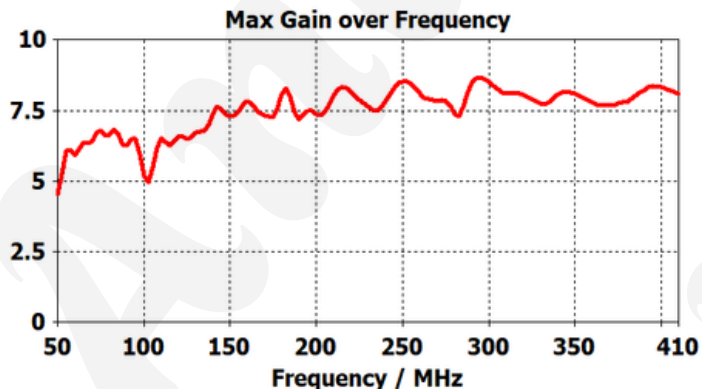
VSWR



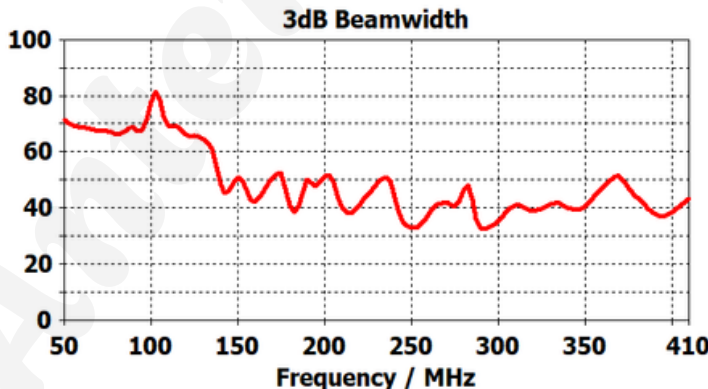
S11



Gain



Beamwidth

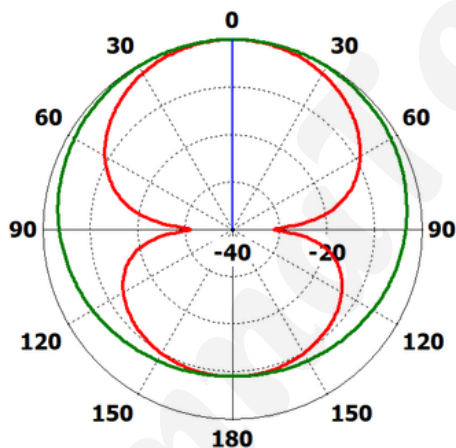


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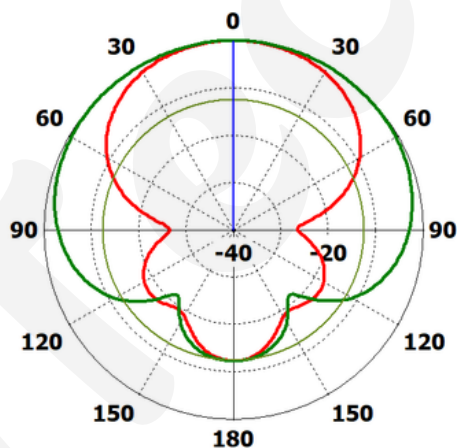


Radiation Patterns: Red = Phi 0; Green= Phi 90

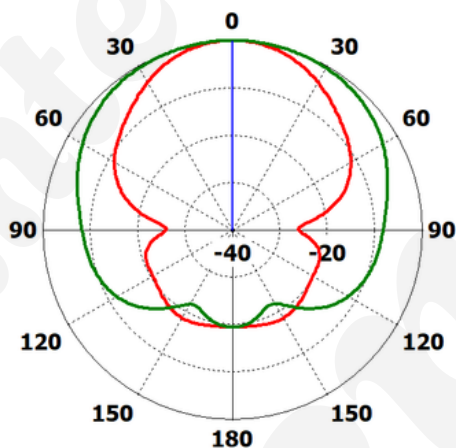
50MHz



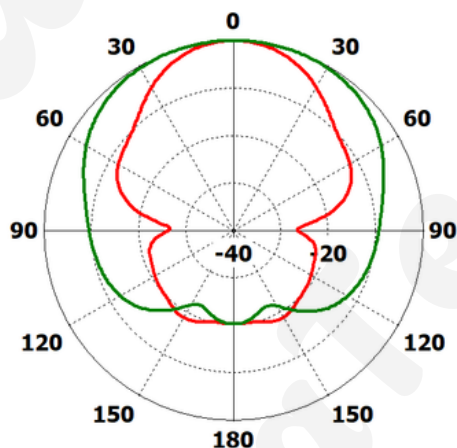
100MHz



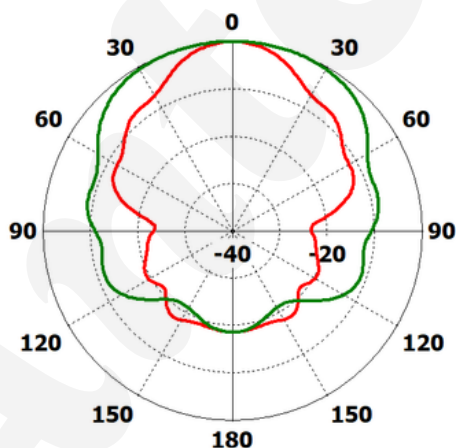
200MHz



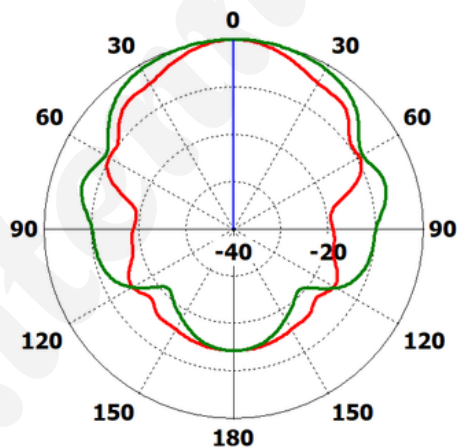
225MHz



300MHz



410MHz



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