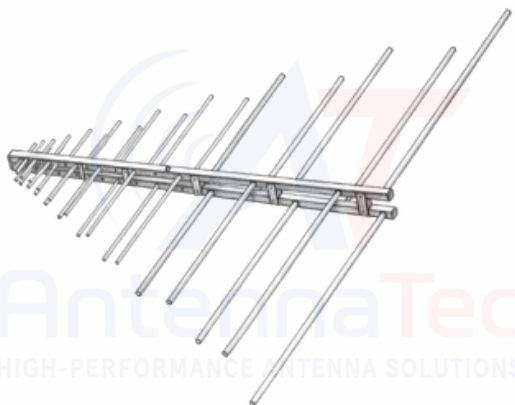


AT-L-0.05-0.41-N



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

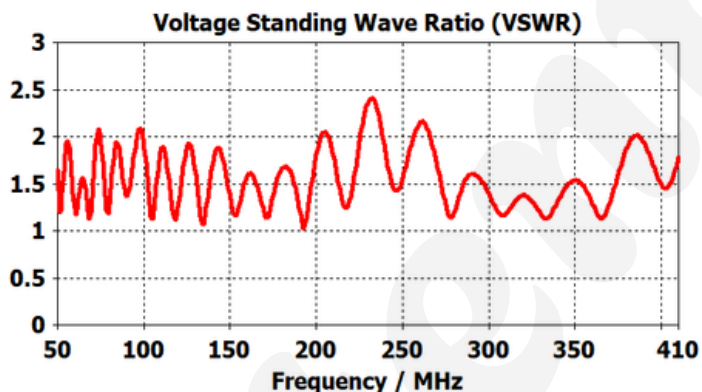
## Key Specifications

|                          |                     |
|--------------------------|---------------------|
| 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.          |

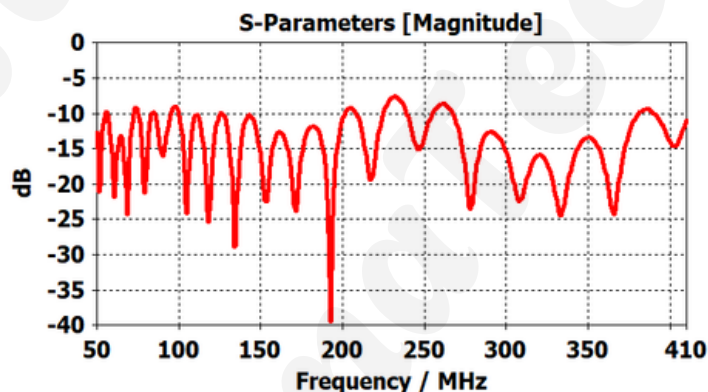
This low-frequency LPDA antenna operates across 50–410 MHz range and provides wideband directional coverage for VHF and lower-UHF applications. Its large-aperture log-periodic structure supports stable gain, broadband impedance behaviour, and consistent radiation performance, making it suitable for long-range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

Please contact AntennaTec for a full interface control drawing.

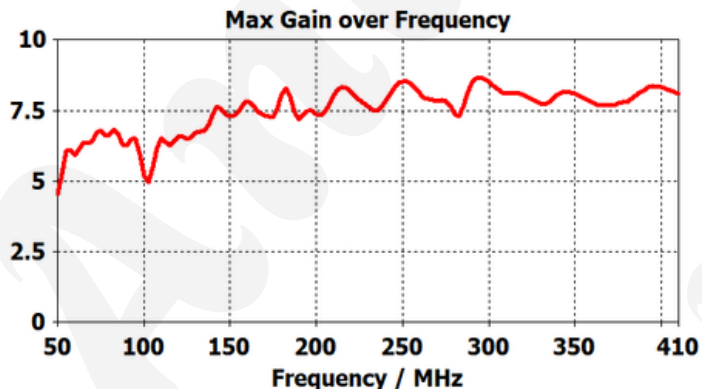
## VSWR



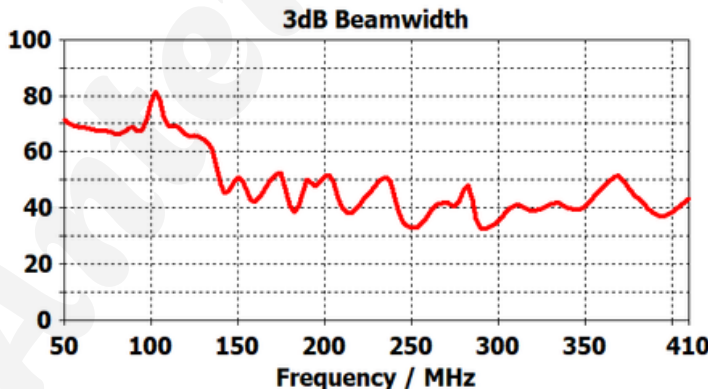
## S11



## Gain



## Beamwidth

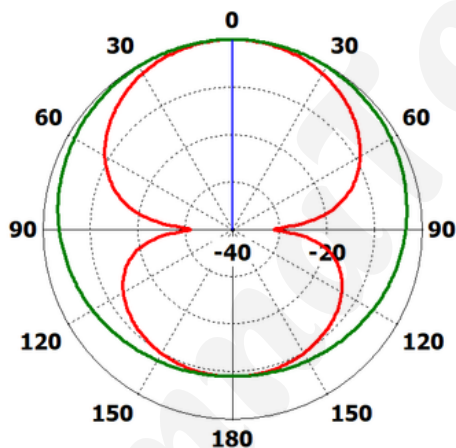


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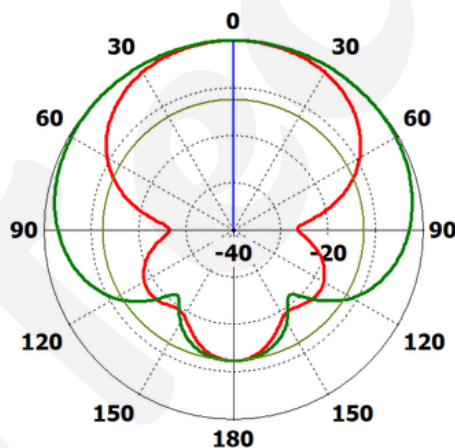


**Radiation Patterns: Red = Phi 0; Green= Phi 90**

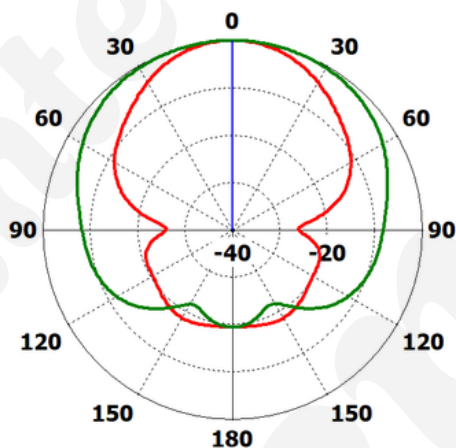
**50MHz**



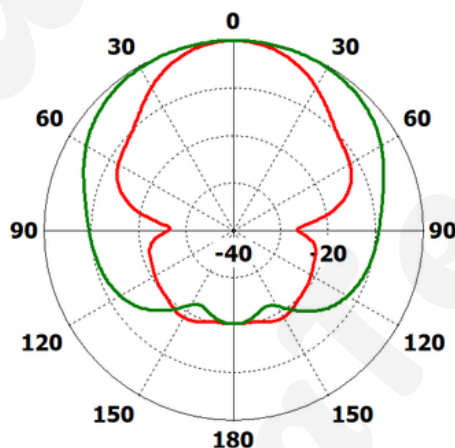
**100MHz**



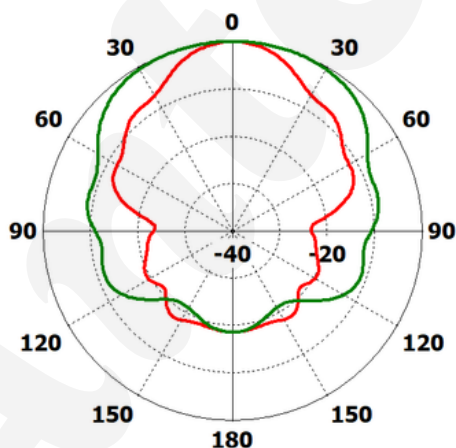
**200MHz**



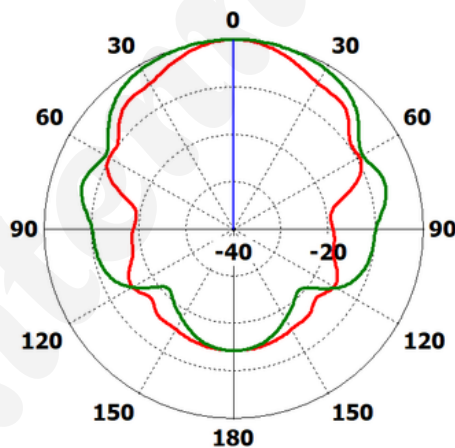
**225MHz**



**300MHz**



**410MHz**



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