

### Technical Description

Dual polarized omnidirectional antenna for MIMO applications.

- 1.35-2.7 GHz
- Omnidirectional
- Dual-polarized, horizontal and vertical
- Standard NATO 4-hole pattern
- Suitable for M10 or 3/8" mounting bolts

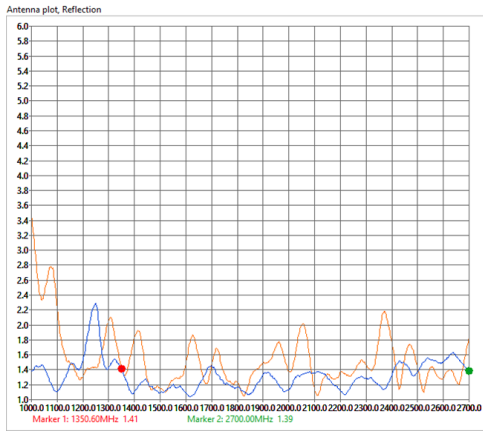
### Electrical Specification

Frequency range	1.35-2.7 GHz
Power rating	10 W CW, simultaneous ports
Impedance	50 ohm
VSWR	2.2:1
Cross polarization ratio	< 15 dB nominal, 12 dB max.
Port to port isolation	< 30 dB nominal, 28 dB max.
Gain	H-Pol 4 dBi nominal V-Pol 6 dBi nominal
Horizontal Beamwidth	Omnidirectional
Vertical Beamwidth	18° nominal

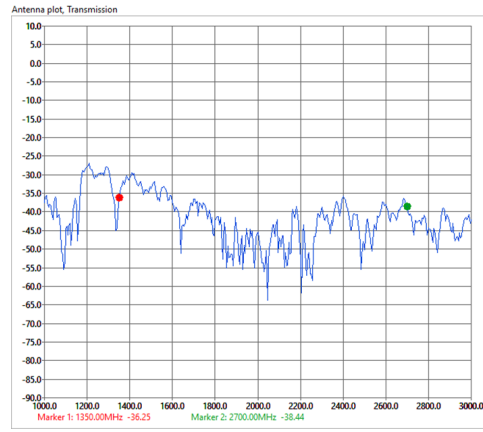
### Mechanical Specification

Height	1085 mm (43 in)
Weight	Whip - 1.33 kg (2.9 lbs) Base - 2.4 kg (5.3 lbs)
Finish	Polyurethane lacquer
Connectors	2 x N type female
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

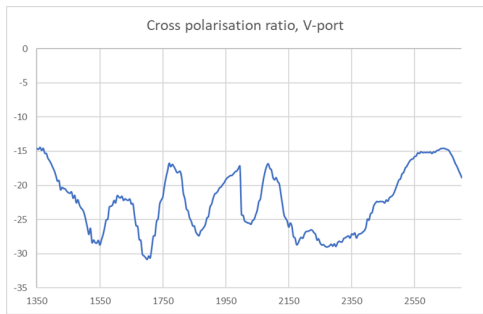
# Electrical Specifications



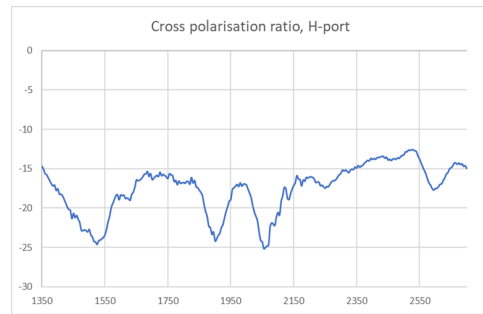
VSWR (orange = V-Pol)



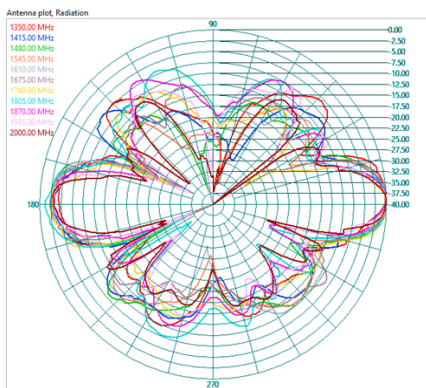
Port to port isolation



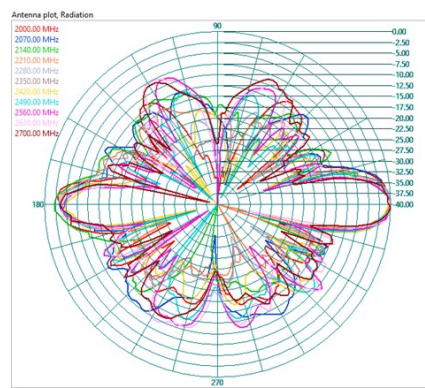
Cross polar ratio V-pol



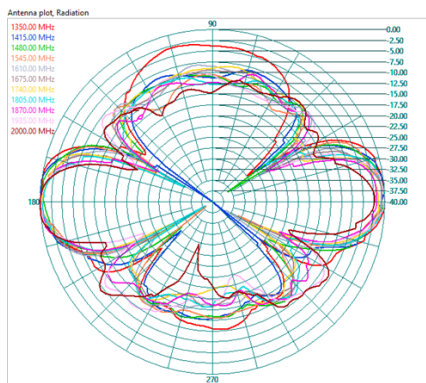
Cross polar ratio H-pol



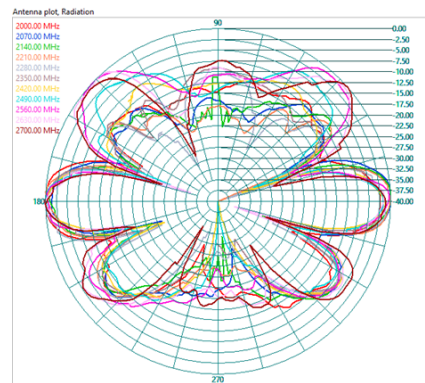
Elevation pattern V-Pol



Elevation pattern V-Pol



Elevation pattern H-Pol



Elevation pattern H-Pol

## Base Details & Connections

