



2.4 GHz ISM Vagi Antenna

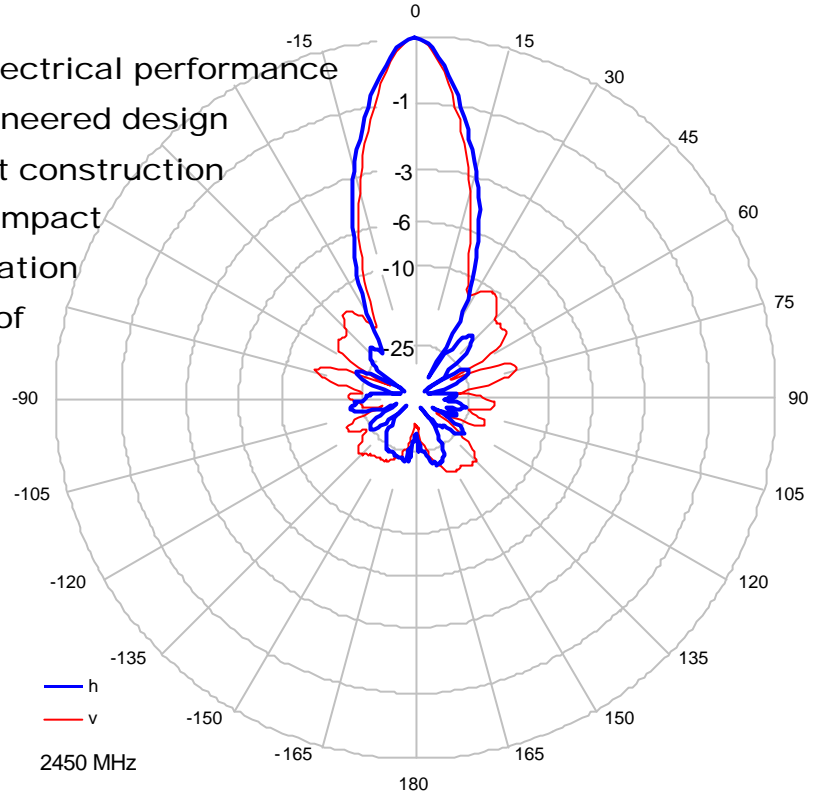
Features

- Excellent electrical performance
- Robust engineered design
- UV resistant construction
- Low visual impact
- Easy installation
- Weatherproof

Hills ISM Vagi antenna incorporates a V Yagi design that achieves excellent gain and return loss characteristics and improved out-of-band filtering and rejection of cross-polarised signals when compared with reflectors of similar overall size.

The antenna is compact and lightweight for economical shipping.

The antenna active element is fully sealed within a sturdy UV stabilised ABS housing.



Specifications

Frequency	2.4 to 2.485 GHz
Polarization	Horizontal or Vertical
Gain	15.6 dBi
Return loss	better than -15.0 dB
Horizontal Beamwidth	31.1°
Vertical Beamwidth	27.2°
Cross polarisation (typical)	-30.0 dB
Maximum power input	2 watts
Front to Back Ratio (typical)	17.0 dB
Down lead	600mm LMR240
Termination	N female connector (Other connectors available on request)
Characteristic impedance	50 ohms
Antenna physical dimensions	550mm x 108mm x 85mm
Mechanical tilt	±90° azimuth, +20° elevation
Mounting options	25-38mm pole diameter
Shipping weight	0.8kg

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