



# 2.4GHz YAGI Antenna

## 16 Element 2.4-2.5GHz Directional 16dBi Antenna

YAGI-16-2.4G

### Product Overview

YAGIs are directional, rugged antennas built for harsh outdoor environments, and are well known for their reliable performance. They are highly directional and the gain of the YAGI antenna enables better levels of signal to noise ratio to be achieved. The directivity can be used to reduce interference levels by focussing the transmitted power on areas where it is needed, or receiving signals best from where they emanate.

Vertical with an SMA Male connector.

### Product Specifications

<b>Features</b>	<ul style="list-style-type: none"> <li>Vertical polarisation.</li> <li>Highly directional.</li> <li>Steel support boom material.</li> <li>Aluminium bracket element.</li> <li>Rugged, built for harsh environments.</li> </ul>	<b>Electrical Specifications</b>	<ul style="list-style-type: none"> <li>Frequency range: 2400-2483 MHz.</li> <li>Bandwidth: 83MHz.</li> <li>Horizontal beamwidth -°: 40.</li> <li>Vertical beamwidth -°: 36.</li> <li>F/B Ratio-dB: 16.</li> <li>Nominal impedance: 50 Ω.</li> <li>Maximum input power: 100W.</li> <li>Gain: 16dBi.</li> <li>VSWR: ≤1.5.</li> </ul>	<b>Mechanical Specifications</b>	<ul style="list-style-type: none"> <li>Connector: SMA Male.</li> <li>Dimensions: 590 x 90 x 40mm.</li> <li>Number of elements: 16.</li> <li>Mounting mast diameter: ø30-50mm.</li> <li>Antenna weight: 303g.</li> </ul>	<b>Applications</b>	<ul style="list-style-type: none"> <li>Ideal for fixed installations that require long distance communications.</li> <li>Harsh outdoor environments.</li> </ul>
-----------------	--	----------------------------------	--	----------------------------------	---	---------------------	---

## Product Order Code

Name	Description	Order Code
2.4GHz YAGI Antenna	16 Element 2.4-2.5GHz Directional 16dBi Antenna	YAGI-16-2.4G

## Versions

Version	Date	Revision	Known Issues
V1.1	01/01/2012		

## Copyright

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for copyright statement.

## Disclaimer

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for disclaimer statement.

## Terms & Conditions of Use

See [www.LPRS.co.uk](http://www.LPRS.co.uk) for Terms and Conditions of Use statement.

## Contact Information

For further information please visit [www.lprs.co.uk](http://www.lprs.co.uk) or call +44 (0) 1993 709418.

