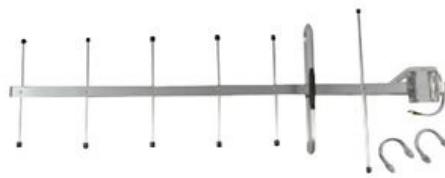


Data Sheet



434MHz YAGI Antenna

7 Element 390-480MHz Directional 10dBi Antenna

YAGI-434A

Product Overview

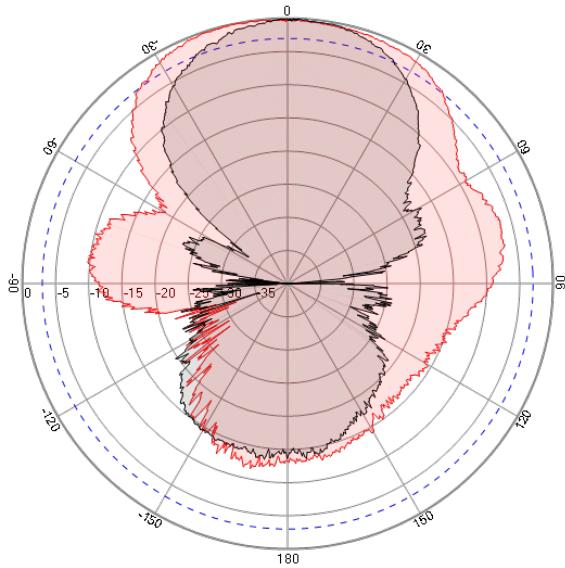
YAGIs are directional, rugged antennas built for harsh outdoor environments, and are well known for their reliable performance. They are highly directional and the gain of the YAGI antenna enables better levels of signal to noise ratio to be achieved. The directivity can be used to reduce interference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

Vertical polarisation with an SMA Male connector.

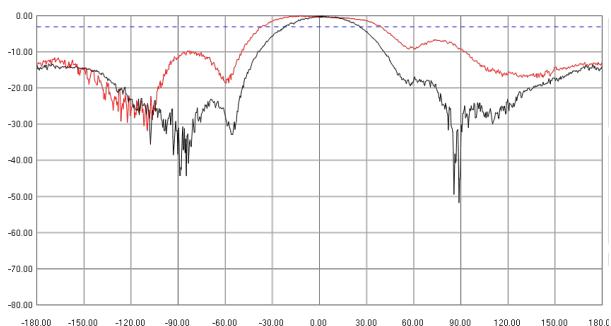
Product Specifications

Features	Vertical polarisation. Highly directional. Steel support boom material. Aluminium bracket element. Rugged, for harsh environments.	Electrical Specifications	Frequency range: 390-480MHz. Nominal impedance: 50 Ω. Gain: 10dBi at 450MHz. VSWR: ≤1.5:1. F/B ratio: >15dB. Maximum input power: 100W.	Mechanical Specifications	Connector: SMA Male. Dimensions: 1000 x 400 x 70mm. Cable length: 1000mm (longer cable lengths available). Ambient temperature: -40°C - +60 °C. Number of elements: 7. Antenna weight: 575g.	Applications	Ideal for fixed installations that require long distance communications. Harsh outdoor environments.
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Radiated Emissions



Electrical Specifications



Product Order Code

Name	Description	Order Code
434MHz Yagi Antenna	7 Element 390-480MHz Directional 10dBi Antenna	YAGI-434A

Versions

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

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Version 1.2 - YAGI-434A