



434MHz YAGI Antenna

7 Element 390-480MHz Directional 10dBi Antenna

YAGI-434A

Product Overview

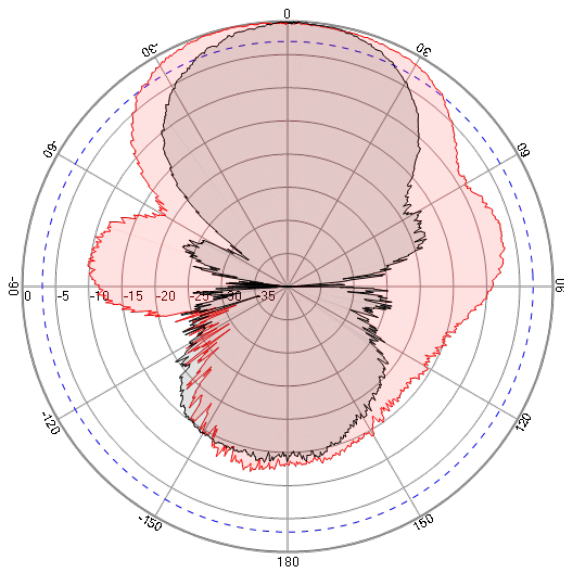
YAGIs are directional, rugged antennas built for harsh outdoor environments, and are well known for their reliable performance. They are highly directional and the gain of the YAGI antenna enables better levels of signal to noise ratio to be achieved. The directivity can be used to reduce interference 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.

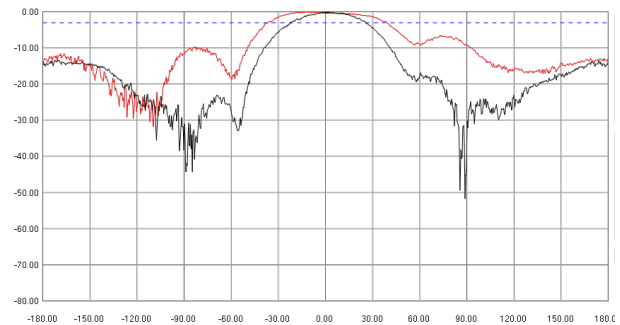
Product Specifications

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

Radiated Emissions



Electrical Specifications



Product Order Code

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Versions

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

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