

ISM Yagi Antenna

2.4 - 2.5 GHz

Product code: YAGI-A0005



This antenna covers the 2.4 - 2.5 GHz ISM band frequency range. The antenna has been designed to be waterproof and is easy to install. It is supplied with a mounting bracket that allows it to be fixed to various objects.

Features:

- Covers the 2.4 - 2.5 GHz band.
- Supported by a bracket which is easy to mount.
- Adjustable in elevation.
- Aesthetically pleasing.

Application areas:

- Connection between wireless LAN access bridges and building to building bridges.
- Any other point-to-point communication in the 2.4- 2.5 GHz ISM Band.

Specifications:

Product Code:

YAGI-A0005	20 cm RG 58 with N(f) connector
YAGI-A0005-01	30 cm RG 58 with RP TNC

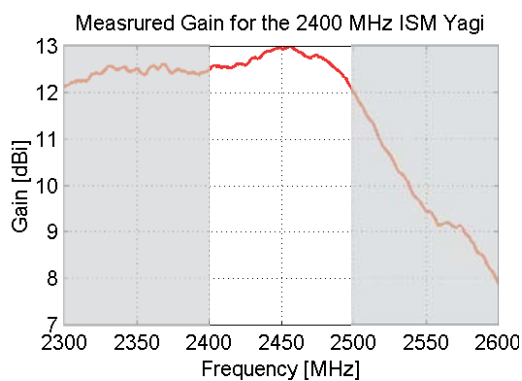
Electrical:

Gain (max.)	13dBi (± 0.5 dB)
Gain (min. over band)	12dBi (± 0.5 dB)
Frequency	2.4 - 2.5 GHz
VSWR (YAGI-A0005)	< 1.8:1 between 2400-2450 MHz < 2.0:1 between 2450-2500 MHz
VSWR (YAGI-A0005-01)	< 2.0:1 between 2400-2500 MHz
E-plane 3 dB beamwidth	44° ($\pm 2^\circ$)
H-plane 3 dB beamwidth	48° ($\pm 2^\circ$)
Feed power handling	10 W
Input impedance	50 Ohm (nominal)
Polarisation	Linear

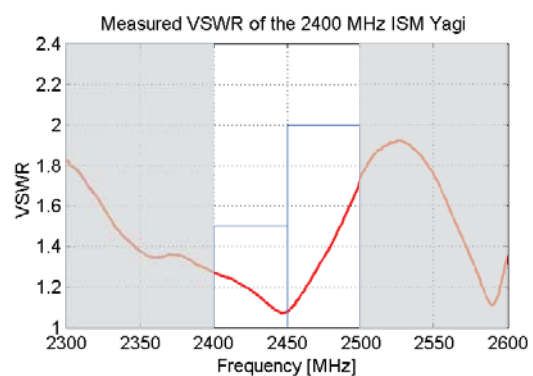
Mechanical:

Dimensions (l x w x h)	400mm x 95mm x 40mm
Weight	272g (Excl. Mounting brackets)

VSWR and Gain Measurements:



Gain



VSWR