

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)

< 1.5:1 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:

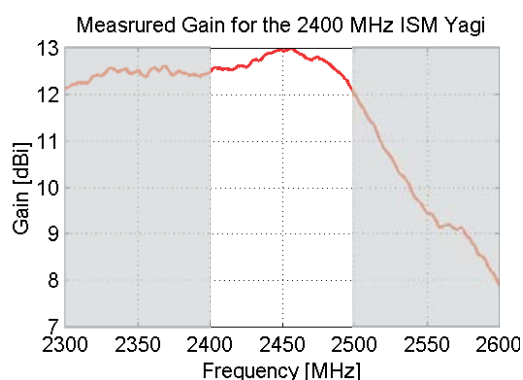
Dimensions (l x w x h)

400mm x 95mm x 40mm

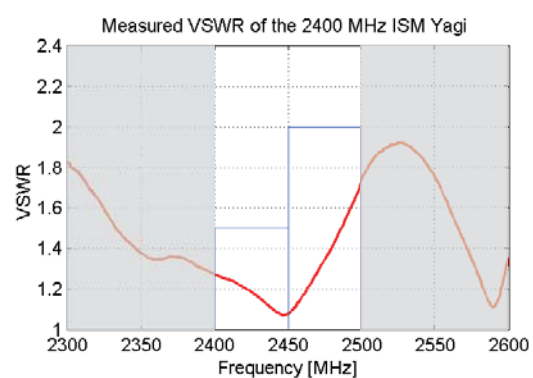
Weight

272g (Excl. Mounting brackets)

VSWR and Gain Measurements:



Gain



VSWR