

High Gain Yagi Antenna

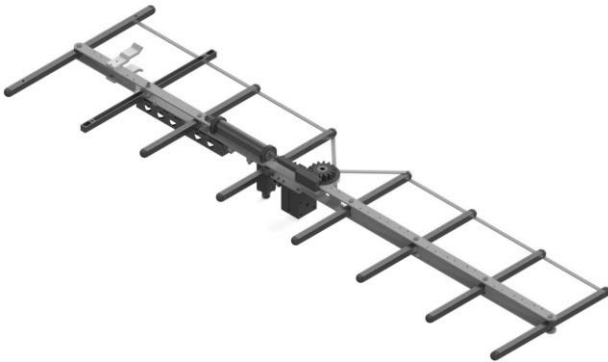
400 – 450 MHz

Product Code: YAGI-A0027

VERSION: 1.2

SPECIFICATIONS:

Product Codes:	
YAGI-A0027	High power version
YAGI -A0027-01	Low power version
Electrical:	
Input frequency range	400 – 450 MHz
VSWR	< 2.0:1
Nominal input impedance	50 Ω
Connector	N-type (f)
Feed power handling	
YAGI-A0027	800 W CW
YAGI-A0027-01	100 W CW
Gain	10 dBi minimum 11 dBi typical
Polarisation	Linear (Horizontal)
Mechanical:	
Dimensions (l x w x h)	< 1200 mm x 370 mm x 120 mm
Weight	< 2 kg
Materials	Aluminium, stainless steel
Mounting	Mounted using supplied mounting bracket onto a pole of 25.4mm diameter
Environmental: designed to meet the following specifications	
Wind survival	160 km/h
Weatherproofing	IP66



ELECTRICAL FEATURES:

- Exceptionally low VSWR
- Very high gain
- Controlled patterns
- Guaranteed front/back ratio

MECHANICAL FEATURES:

- Waterproof
- Lightweight
- Durable

APPLICATIONS:

- Long-range communications links
- Wireless data access

PRODUCT DESCRIPTION:

The YAGI-A0027 is a high power, high gain, linearly polarised antenna that operates in the 400 to 450 MHz frequency range.

The design of the antenna allows the elements and boom to be automatically deployed with the use of a release clip. The antenna has high gain as well as low VSWR and high power handling capability.

RF interface to the antenna is via an N-type female RF connector provided adjacent to the mast mounting bracket of the antenna.

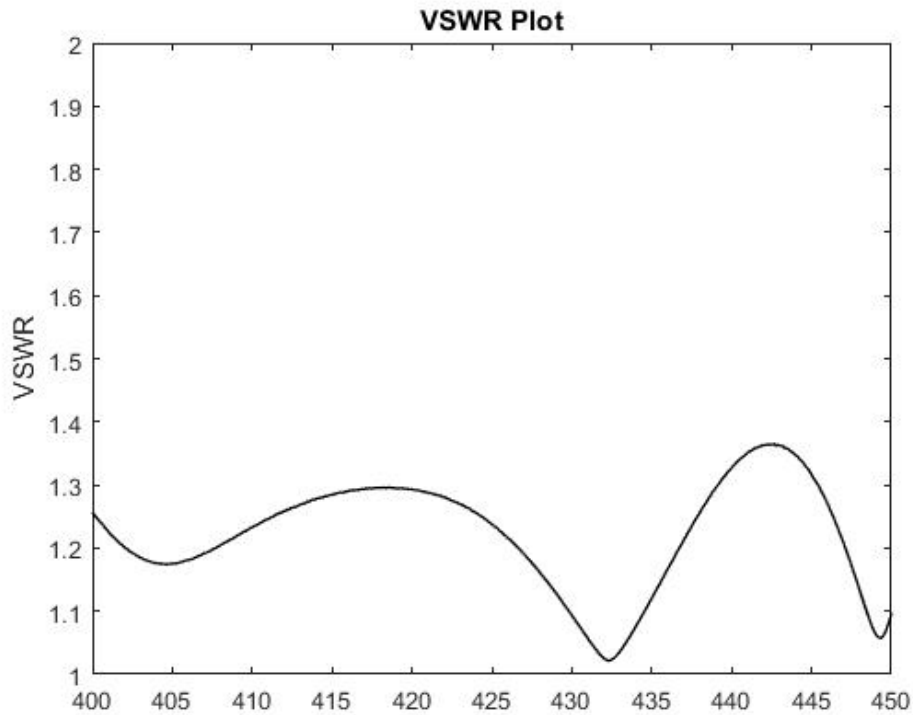
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VSWR:



GAIN:

