



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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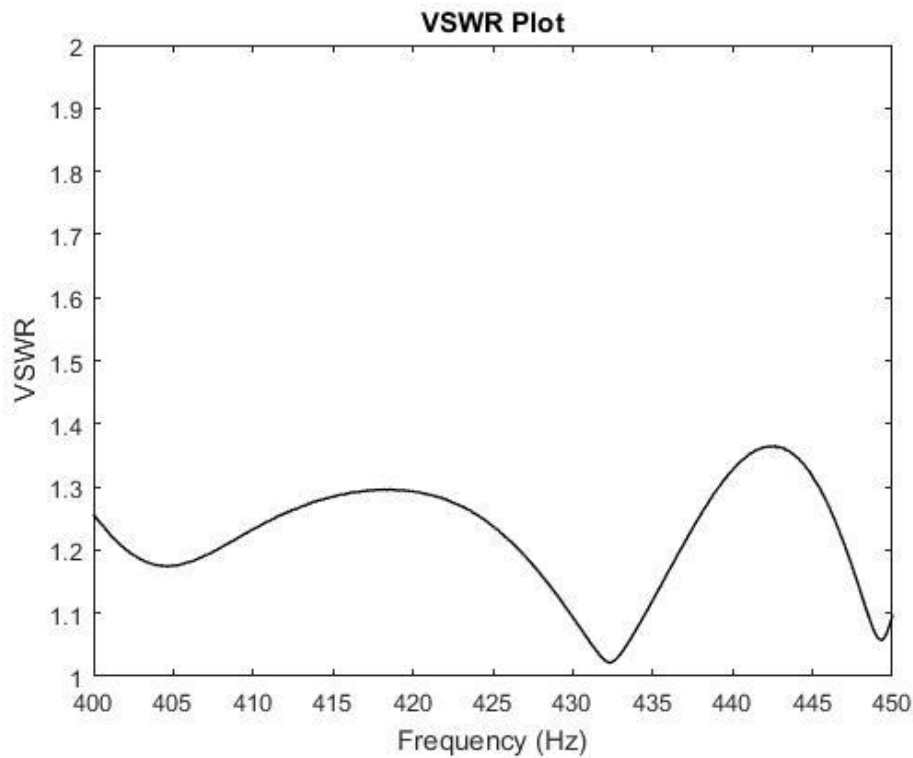
High Gain Yagi Antenna

400 – 450 MHz

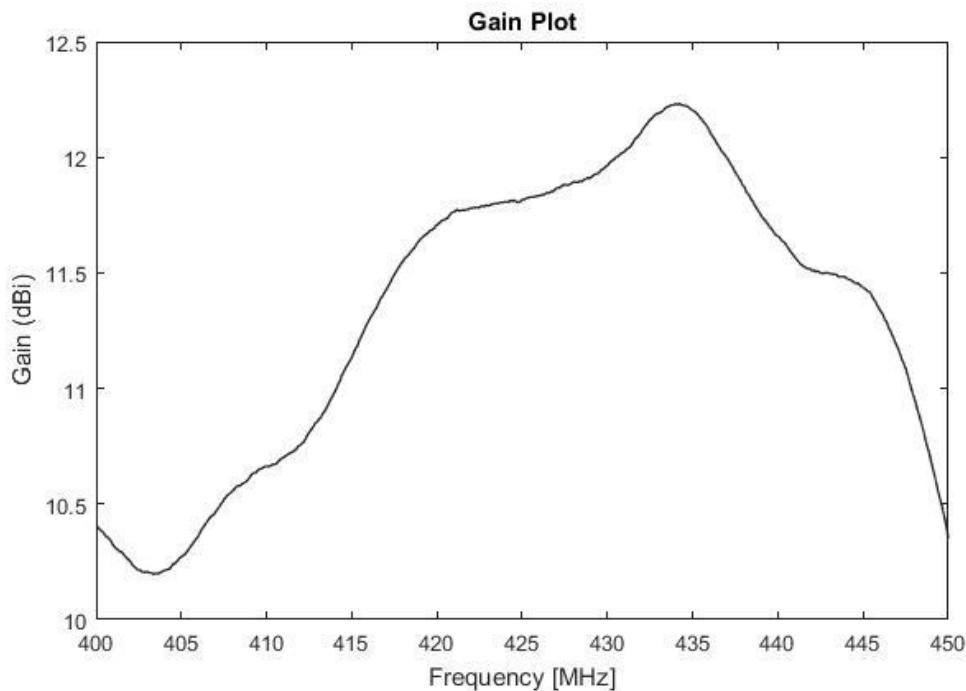
Product Code: YAGI-A0027

VERSION: 1.3

VSWR:



GAIN:



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