

AVAILABILITY

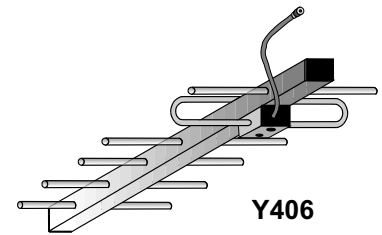
A LEAD BUILD TIME APPLIES

The Yagi 400 Series of antennas are available in either Marine Grade 6000 Aluminium, or, Grade 316 Stainless Steel and provide a 20 MHz bandwidth.

When ordering a Stainless Steel model, simply add the letters **'SS'** to the Model Order Code. e.g. **Y406SS**.

Your desired centre frequency must be specified when ordering so as the antenna can be built to tune accordingly. Where your Tx and Rx frequencies exceed the specified 20 MHz bandwidth, you should contact supplier for further advice.

Replacement dipoles are available for both the Aluminium and Stainless Steel models. Order **'Y400RD'** for an aluminium dipole or **'Y400RD/SS'** for a stainless steel dipole. Also, please remember to state the centre frequency required on your order.



SPECIFICATIONS	Y402	Y403	Y404	Y406	Y409	Y415
Construction	Grade 6000 Aluminium, OR, Grade 316 Stainless Steel (Add 'SS' to model)					
Frequency	Within the range 380 – 700 MHz (Please specify your centre frequency)					
Bandwidth	All models in this series provide a 20 MHz Bandwidth at < 1.5:1 VSWR					
Number of Elements	2	3	4	6	9	15
Gain	3 dBd	6 dBd	7.5 dBd	9 dBd	12 dBd	14 dBd
Polarisation	All models may be mounted either Horizontal or Vertical as required.					
Power	150 Watts	150 Watts	150 Watts	150 Watts	150 Watts	150 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
E-Plane at 3 dBd	62°	57°	54°	46°	36°	30°
H-Plane at 3 dBd	85°	76°	62°	50°	44°	41°
Front to Back Ratio	15 dBd	15 dBd	17 dBd	17 dBd	17 dBd	17 dBd
Tuning	Factory	Factory	Factory	Factory	Factory	Factory
Cable	All models have a short 100 mm RG59 Cable Tail					
Connector	All models are terminated with an N Type Female connector					
Maximum Length #	0.5 metres	0.7 metres	0.9 metres	1.2 metres	1.7 metres	2.1 metres
Maximum Width	400 mm	400 mm	400 mm	400 mm	400 mm	400 mm
Weight (in Aluminium)	0.3 kg	0.4 kg	0.5 kg	0.7 kg	1.0 kg	1.3 kg
Projected Area	0.02 m ²	0.03 m ²	0.04 m ²	0.06 m ²	0.09 m ²	0.125 m ²
Wind Load at 160 kph	3.0 kg	3.8 kg	5.0 kg	7.0 kg	11.0 kg	16.0 kg
Strut Kit - Not Supplied Order Separately	A Support Strut Kit is recommended for the Y415 model . Either a Single or 3-Way Strut Kit should be ordered separately.					
Clamp - Not Supplied Order Separately	A48 clamp x 1 for Aluminium models. S48 clamp x 1 for Stainless Steel models. Mount to a mast up to 50 mm in diameter. Please order your clamp separately.					

The maximum length is calculated at the lowest frequency.

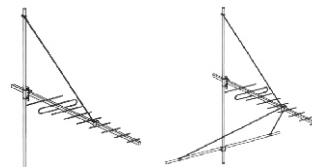


The **A48** clamp has aluminium and galvanised steel components.

The **S48** clamp has all stainless steel components.

YAGI SUPPORT STRUT KITS and ORDER CODES

Support Strut Kits are recommended for the **Yagi 415 model** due to the boom length.



Strut Kits must be ordered separately.

'YS1-48'
Single Strut Kit

'YS3-48'
3-Way Strut Kit

RF Modules Australia recommend the **"Novaris"** range of **Lightning Surge Protection**. Call us today so we can together select the best product to suit your budget and application.



Do you require **Cable and Connectors**? RFMA can supply a huge range.