

**Part No. 02591X**

**291MHz**

## VHF Unity Gain Base Station/Marine Antenna

The 02591X is a small compact antenna for use in the VHF band centred on 291MHz. The antenna has a fiberglass radome with all Stainless Steel fittings. It is unity gain, and offers a wide angle of radiation, ideal for in close and medium distant communications as well as unstable platform (at sea).

### Applications

Base Station/ Marine

### Tuning

No tuning required – factory tuned.

### Features

- ✓ All stainless steel fittings.
- ✓ Rugged construction.
- ✓ Fibreglass Radome.
- ✓ DC Grounding

### Mounting Options

**02810S** Right angle bracket...

**02811S** Parallel bracket.

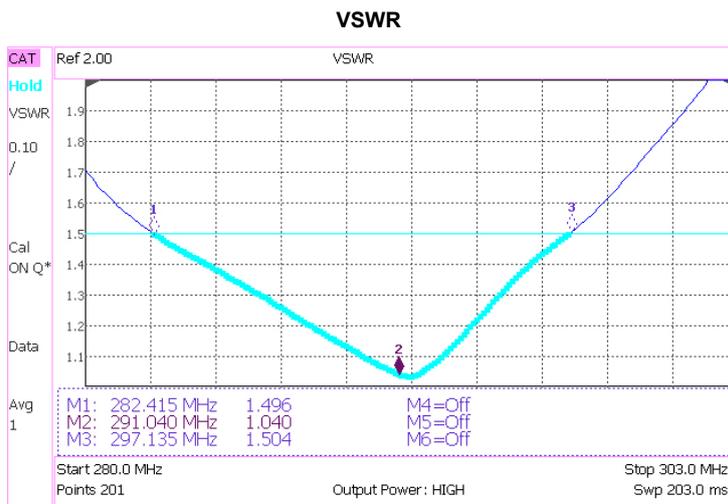
### Specifications

<b>Freq:</b>	Centred on 291MHz.
<b>Gain:</b>	0dBd ~3dBi.
<b>Power Rating:</b>	100 watts.
<b>VSWR:</b>	<1.5:1 10MHz. <2.0:1 20MHz.
<b>Impedance:</b>	50 Ohm nominal.
<b>Polarisation:</b>	Vertical.
<b>Radiation:</b>	Omni directional.
<b>Termination:</b>	N type fixed female.
<b>Mounting:</b>	32mm Tube.
<b>Base Materials:</b>	S/Steel, fiberglass, Copper.
<b>IP Rating</b>	IP65
<b>Temperature Rating</b>	-10 to +50 Deg C
<b>Antenna Length:</b>	800mm (including connector)
<b>Antenna width:</b>	32mm.
<b>Antenna weight:</b>	720g.
<b>Wind loading @ 160KPH:</b>	3.27kg 32.06N.
<b>Packaging</b>	

Cardboard Tube, one antenna per tube, 45 (OD) x 900 (L) mm, Gross Weight 1.07 kg

### Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))



**Radiation Pattern**

