

## DATASHEET

### AIRVHF FULL BAND BROADBAND ANTENNA

118 – 136 MHz, 2.5 dBi



The 02557 Broad band antenna is intended for air band operation in the band 118-136MHz. It covers the entire band. The broad E Plane radiation pattern is ideal for air communications, whilst still maintaining ground coverage. The antenna is manufactured out of Stainless Steel and fiberglass.

#### APPLICATIONS

Air Band Operations Base Station.

#### TUNING

Factory Tuned, no further tuning required.

#### FEATURES

- DC Grounded
- Ground Independent
- All Stainless Steel internal construction
- Medium weight
- Stable radiation pattern
- N type female fixed connector
- Fiberglass Radome
- Designed and manufactured in Australia

#### OPTIONAL MOUNTINGS

- 02812** Right Angle Galvanised Bracket.
- 02813** Parallel Bracket Galvanised Steel.
- 02814** Universal Bracket Stainless Steel.
- 02815** Small Bracket S/Steel.

#### PACKAGING

Individual: Cardboard tube 2150 x 65 mm, G.W.: 4.8 kg

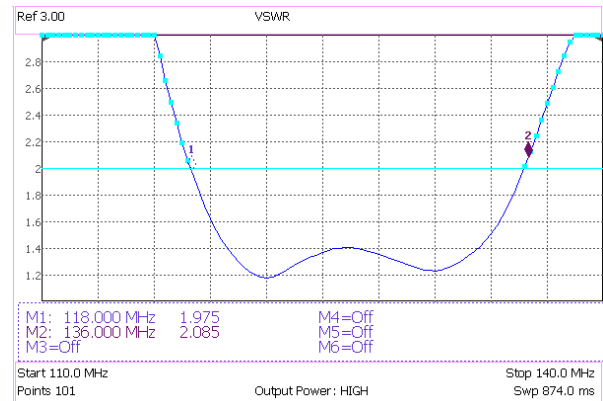
#### WARRANTY

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

#### SPECIFICATIONS

Frequency	118 – 136 MHz
Gain	2.5 dBi
Impedance	50 Ω Nominal
Operating VSWR	<2.0:1
Radiation Pattern	Omni Directional
E Plane Beamwidth	72 deg
H Plane Beamwidth	360 deg
Projected Area	0.10524 sqm
Wind Loading at 160 kph	11.6 kg / 113.9 N
Polarisation	Vertical
Width	50 mm
Length	2100 mm
Weight	4.8 kg
Termination	N Female fixed connector
Power rating	100 Watts
Construction	Stainless Steel and Fiberglass
Mounting Tube	300 x 50.8 mm

#### VSWR



#### RADIATION PATTERN

