

DATASHEET

SKU: 02546

Benelec VHF 3dBd High Band Base Colinear Simplex Antenna 148-174MHz



The 02546 antenna is a 3dBd Gain, Simplex Base Station antenna covering the 148-174 MHz Radio Band. The 02546 antenna offers 1% bandwidth for applications where close spaced channels are used. It offers a stable radiation pattern with negligible horizontal pattern tilt. Its robust construction ensures excellent longevity and performance.

APPLICATIONS

Simplex – Base station applications.
Base coverage for a specified section of 148 – 174 MHz Radio Band.

TUNING

Factory Tuned, no further tuning required.

FEATURES

- White, Smooth, Glossy, Fiberglass Radome
- Stainless Steel, mounting tube
- DC Grounding

OPTIONAL MOUNTINGS

Please refer to our website for all Mountings.

PACKAGING

Cardboard Tube, 3220 (L) mm x 67 (D) mm,
one antenna per cardboard tube

WARRANTY

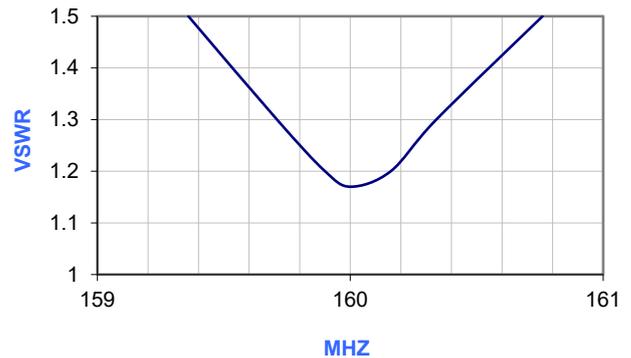
3 Years (Please refer to [Benelec Terms & Conditions](#))

SPECIFICATIONS

Gain	3 dBd (Gain over a half wave dipole antenna)
VSWR	<1.5:1 @ 1% bandwidth
Impedance	50 Ω
Polarisation	Vertical – 34 deg beamwidth
Radiation	Omni Directional
Power Rating	50 Watts
Termination	N Type Female Connector
Mounting Tube	365 (L) mm x 31.75 (D) mm Stainless Steel
Antenna Length	3.2 metres @ 146 MHz

* Please Note: This antenna is a non-stick item and is made to order, lead time: ~ 4 weeks.

VSWR



RADIATION PATTERN

