

DATASHEET

SKU: 02548

Benelec VHF 3dBd High Band Base Colinear Duplex Antenna

146-174MHz



The 02548 antenna is a 3dBd Gain, Duplex Base Station antenna covering the 146-174 MHz Radio Band. The 02548 antenna allows sufficient bandwidth to cover the 6.0MHz Tx/RX Duplex spread within this band. It offers a stable radiation pattern with negligible horizontal pattern tilt. Robust construction ensures excellent longevity and performance.

APPLICATIONS

Duplex – Base station applications.
Base coverage for the 146 -174 MHz Hi-VHF Radio.

TUNING

Factory tuned at specified segment of band.
No further tuning required

FEATURES

- White, Smooth, Glossy, Fiberglass Radom
- Stainless Steel, mounting tube
- DC grounding

SPECIFICATIONS

Gain	3dBd (Gain over a half wave dipole antenna)
VSWR	<1.5:1 @ 3.75% bandwidth
Impedance	50 Ohms
Polarisation	Vertical – 34 def beamwidth
Radiation	Omni directional
Power rating	50 Watts
Termination	N type female connector
Mounting Tube	400 (L) mm x 50.8 (D) mm, Stainless Steel
Antenna Length	3.0 metres (@ 148 MHz)

PACKAGING

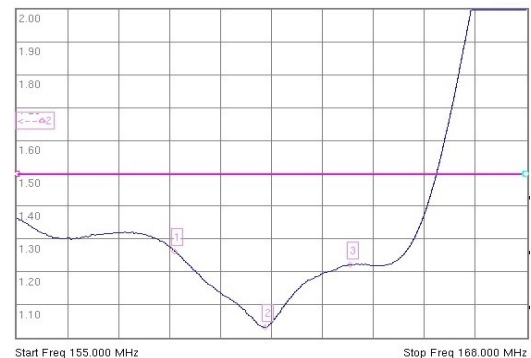
Cardboard Tube, 3020 (L) mm x 60 (ID) mm, one antenna per cardboard tube

WARRANTY

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

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

VSWR



RADIATION PATTERN

