

02546 - 3dB VHF High Band Base Station Antenna

Description

The 02546 antenna, is a 3dB Gain, Simplex Base Station antenna covering the 146-174 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

- Base coverage for the 146-174 MHz Radio Band.

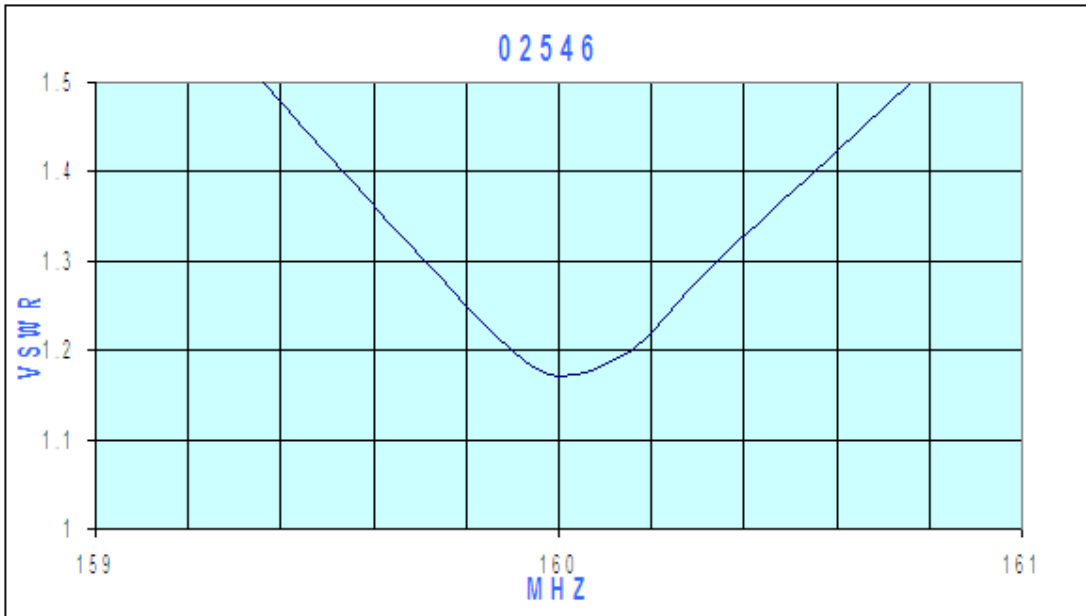
Construction

- White, Smooth, Glossy, Fiberglass Radome.
- Stainless Steel, mounting tube.
- Internal construction is of Brass, and Copper.
- All radiation sections are constructed with Copper and Brass materials.

Specifications

Electrical							
Model	Frequency (MHz)	Gain (dBD)	Tuned Bandwidth	Operating VSWR	Input Impedance	Vertical Beamwidth	Horizontal Beamwidth
02546	146 - 174*	3	1%	<1.5:1	50 ohms (Nominal)	34°	Omni
* Specify TX Frequency							
Mechanical							
Model	Construction	Length (m)	Width (m)	Weight (kg)	Termination	Projected Area	Wind loading @160 KPH
02546	Stainless Steel, Brass, Fiberglass	3.200**	0.035	NA	N Type Female	0.0631**	6.98**
** @146 MHz							

VSWR Plots



Radiation Plot

