

02545 - 0dB VHF Commercial Enclosed Dipole Base Antenna

Description

The 02545 antenna, is a 0dB Gain, Base Station antenna covering the VHF Commercial Radio Band 144 - 174 MHz. Its wide E plane pattern beam-width, affords exceptional radio range coverage at lower radiation angles. The 02545 antenna offers a stable radiation pattern with negligible horizontal pattern tilt. Its robust construction ensures excellent longevity and performance. Its smooth white tapered radome presents an attractive profile.

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Applications

- Base coverage for the VHF Commercial Radio Band.

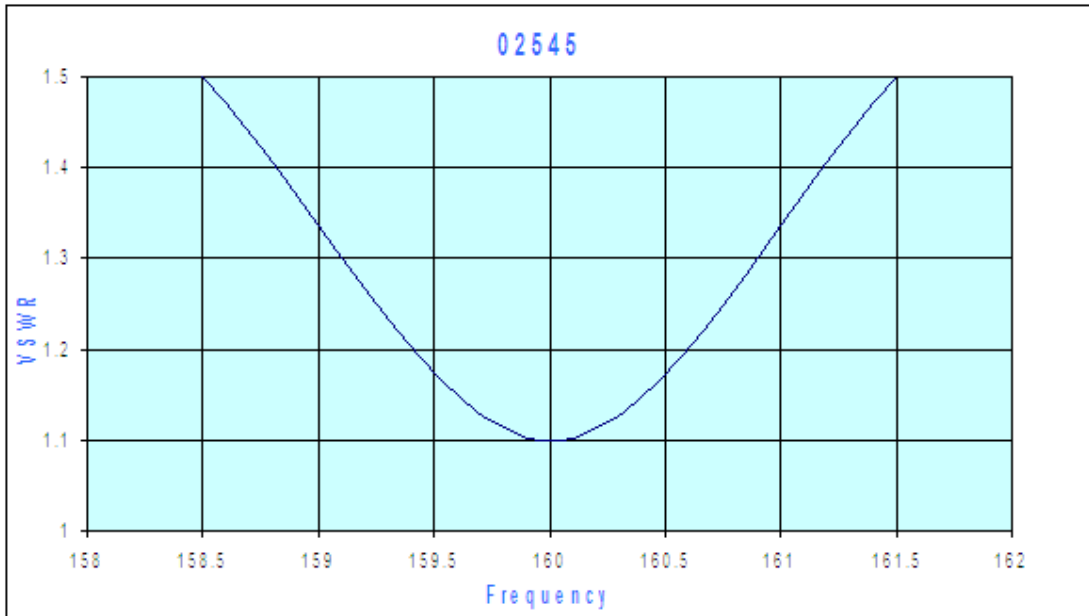
Construction

- White, Smooth, Glossy, Fiberglass Radome.
- Stainless Steel, mounting tube.
- All radiation sections are constructed in Copper.
- The antenna is DC grounded.

Specifications

Electrical							
Model	Frequency (MHz)	Gain (dBD)	Tuned Bandwidth	Operating VSWR	Input Impedance	Vertical Beamwidth	Horizontal Beamwidth
02545	144 - 174*	0	2%	<1.5:1	50 ohms (Nominal)	60°	Omni
* Specify TX Frequency							
Mechanical							
Model	Construction	Length (m)	Width (m)	Weight (kg)	Termination	Projected Area	Wind loading @160 KPH
02545	Stainless Steel, Copper, Fiberglass	1.520**	0.0254	NA	N Type Female	0.0306**	3.39 Kg**
** @144 MHz							

VSWR Plots



Radiation Plot

