

VHF Vertical Enclosed Dipole Antenna

136-240MHz

COD2B



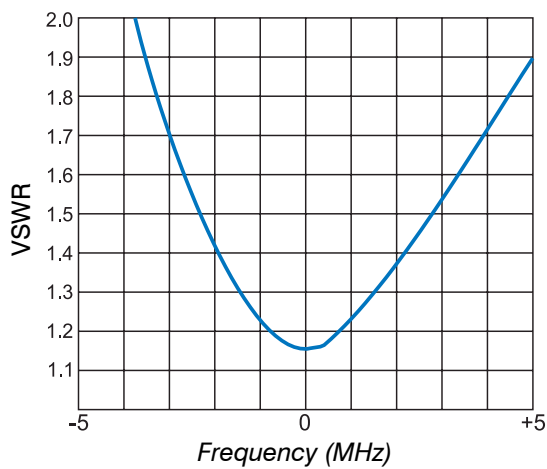
The COD2B antenna is a "cut to frequency" fibreglass enclosed vertical dipole, featuring extremely broad vertical beamwidth and omnidirectional pattern for localised coverage.

Key Features:

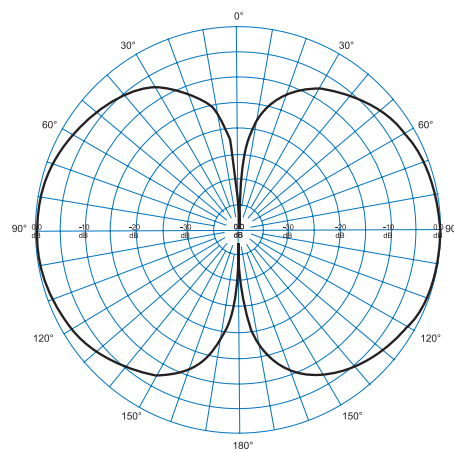
- Low wind and tower loading.
- DC grounded for lightning protection and the reduction of precipitation static noise N-type female connector.



Typical VSWR Response (COD2B)



COD2B - E Plane



Electrical Specifications

Model Number	COD2B
Nominal Gain dBd (dBi)	2 (Unity)
Frequency MHz	136-240
Tuned Bandwidth MHz	8%
VSWR (Return Loss)	<1.5:1 (14dB)
Nominal Impedance Ω	50
Vertical Beamwidth $^{\circ}$	87 $^{\circ}$
Horizontal Beamwidth $^{\circ}$	Omni +/-0.5dB
Input Power W	100

Mechanical Specifications

Model Number	COD2B	
Construction	Alodined aluminium elements with white fibreglass radome	
Length m	2.4	
Weight kg	1.7	
Termination	N female bulkhead	
Mounting Area mm	215mm x 25mm diam. alodined aluminium	
Suggested Clamps (not included)	2 x UC1 or 2 x UB1	
Projected Area cm ²	No Ice	840
	With Ice	1434
Wind load (Thrust) @ 160km/h	131	
Wind Gust Rating km/h	>240	
Torque Nm	116	