

VHF Vertical Enclosed Dipole Antennas

159-172 MHz

COD2-159172

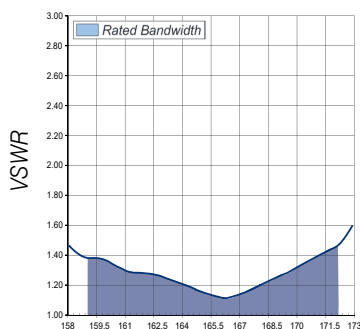


The COD2-159172 antenna is a fixed frequency broadband fibreglass enclosed vertical dipole, featuring extremely broad vertical beamwidth and an omnidirectional pattern for localised coverage.

Features:

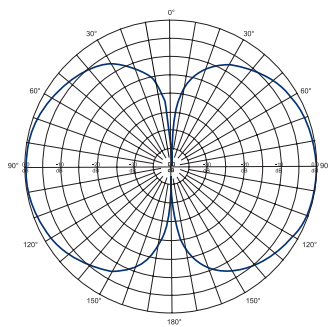
- Compatible with analogue and digital technologies
- Broadband operating frequency bandwidth
- Low wind and tower loading
- DC grounded for lightning protection and the reduction of precipitation static noise

Typical VSWR Response
COD2-159172



Frequency (MHz)

COD2-159172 - E Plane



Electrical Specifications

Model Number	COD2-159172
Nominal Gain dBi (dBd)	2 (Unity)
Frequency MHz	159 - 172
Tuned Bandwidth MHz	13
VSWR (Return Loss)	< 1.6:1
Nominal Impedance Ω	50
Vertical Beamwidth°	78
Horizontal Beamwidth°	Omni +/- 0.5dB
Input Power W	100

Mechanical Specifications

Model Number	COD2-159172
Construction	Alodined aluminium elements with white fibreglass radome
Length m	2.1
Weight kg	1.2
Termination	N Female bulkhead
Mounting Area mm	330mm x 25mm diam. Alodined aluminium
Suggested Clamps	2 x UC1 or 2 x UB1
Projected Area cm ²	No Ice 758 With Ice 1277
Lateral Thrust @ 160km/h N	90
Wind Gust Rating km/h	240
Torque @ 160km/h Nm	67