

# UHF Vertical Enclosed Dipole Antennas

760-960 MHz

COD8



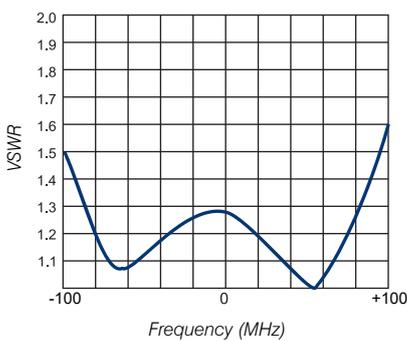
The COD8 is a fibreglass enclosed vertical dipole, ideal in point to multipoint, trunking, cellular and control station combiner applications. The antenna has a relatively broad bandwidth and easily accommodates both transmit and receive portions of any of the common 700/800/900MHz operating bands.

## Features:

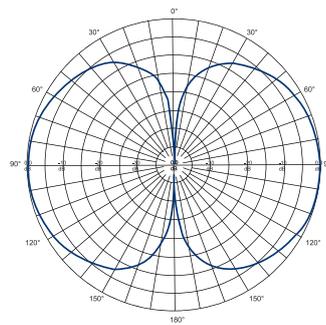
- Excellent null fill coverage
- Omnidirectional unity gain performance
- Full band coverage



Typical VSWR Response (COD8)



COD8 - E Plane



## Electrical Specifications

Model Number	COD8-7687	COD8-8596
Nominal Gain dBi (dBd)	2 (Unity)	
Frequency MHz	763-870	850-960
Tuned Bandwidth MHz	Full band	
VSWR (Return Loss)	< 1.5:1 (14dB)	
Nominal Impedance Ω	50	
Vertical Beamwidth°	70	
Horizontal Beamwidth°	Omni +/- 0.5dB	
Input Power W	100	

## Mechanical Specifications

Model Number	COD8-7687	COD8-8596
Construction	Alodined aluminium elements with white fibreglass radome	
Length m	0.8	
Weight kg	0.5	
Termination	N female bulkhead	
Mounting Area mm	315 x 25mm diam. Alodined aluminium	
Suggested Clamps	2 x UB1	
Projected Area cm <sup>2</sup>	No Ice	267
	With Ice	488
Wind load (Thrust) @ 160km/h N	32	
Wind Gust Rating km/h	>240	
Torque @ 160km/h Nm	5	