

WLAN Mobile

2.4-2.5 GHz

CDM2400 Series



The CDM2400 series are a range of mobile antennas specifically designed for mobile WLAN applications. Utilising a fibreglass radome with a heavy duty stainless steel spring these antennas offer a robust and high performance solution, well suited to mining, warehousing, public transport and emergency services applications.

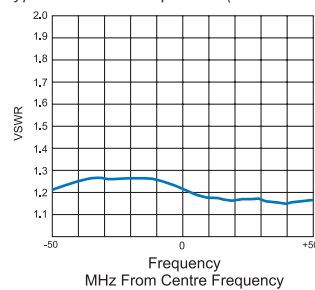
The CDM2400 series utilise a patented Meander™ PCB based collinear design offering the ultimate in pattern stability. Their ground independent design makes them suitable for a variety of mounting positions including bullbar, gutter and roof rack.



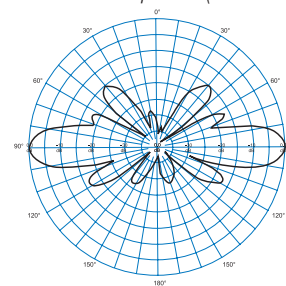
Features:

- Robust construction
- Integrated heavy duty spring
- Outstanding performance
- Patented Meander™ PCB radiating elements

Typical VSWR response (CDM2408)



Typical E-Plane response (CDM2408)



Electrical

Part No	CDM2402	CDM2406	CDM2408
Gain <i>dBi</i>	2	6	8
Frequency <i>MHz</i>	2400 - 2500		
Beamwidth E / H	81° / 360°	22° / 360°	16.5° / 360°
VSWR	Entire specified band @ <1.5:1 VSWR		

Mechanical

Part No	CDM2402	CDM2406	CDM2408
Description	White fibreglass, ISM band, collinear antenna with stainless steel spring		
Dimensions <i>mm</i>	250 (L) 16 (Dia)	420 (L) 16 (Dia)	510 (L) 16 (Dia)
Weight <i>kg</i>	0.25	0.26	0.27
Mounting	Supplied with spring and nut for stud mount. Requires 16mm hole. Suits a variety of RFI brackets		
Cable and Connectors	Supplied with 5.0 m CellFoil® cable terminated with SMA male connector.		

USA Patent: 6909403

Patent App. No.: Australia 2003255049 / Europe 03 023406.6 / China 200310100548.5 / India 844/CHE/2003