

UHF CBRS Collinear

477 MHz

CD5000 Series



The CD5000 is a high gain mobile CBRS antenna providing a CD5000 genuine 5 dB gain and is ideally suited for use in fringe areas and country applications where performance is paramount.

This antenna is extremely robust in design with the patented PCB designed radiating element housed in a black or white (CD5000-W) fibreglass radome fitted to an integral heavy duty electro-polished stainless steel spring.

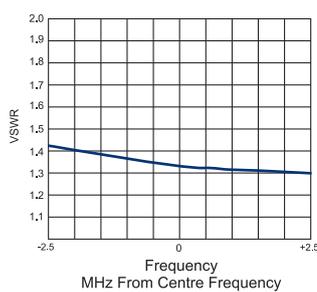
With a 13mm stud mount and ground plane independent design, this antenna may be installed onto a number of mounting brackets such as mirror, bull bar, gutter or fender mounts and are ideal for installations in commercial vehicles, four wheel drives and trucks. They can even be used as a base station antenna due to their ground plane independent design.

Features:

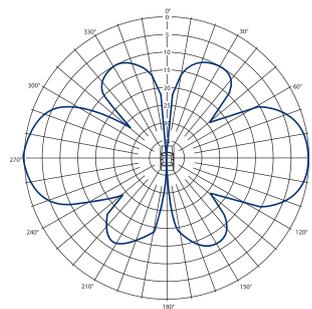
- Totally ground plane independent
- Robust design for heavy duty applications
- Available with GPS sub-assembly on request
- Available in white - CD5000-W
- Supplied pre-terminated with FME connector and UHF adaptor
- Patented PCB based collinear design offering the ultimate in pattern and gain stability



Typical VSWR response



Typical E-Plane response



Electrical Specifications

Model Number	CD5000
Gain	5dB over a 1/4 wave
Frequency MHz	477
Power W	25
Tuned Bandwidth	Entire specified band @ <1.5:1 VSWR
Tuning	Supplied pre-tuned

Mechanical Specifications

Model Number	CD5000
Whip Length mm	900
Mounting	Threaded stud and nut assembly 16mm clearance hole required
Cable and Connector	5.0m 9006 supplied with FME-101 connector terminated and UHF adapter supplied

USA Patent: 6909403

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