

UHF CB Collinear Mobile Antenna

477 MHz

CDR5000 Series



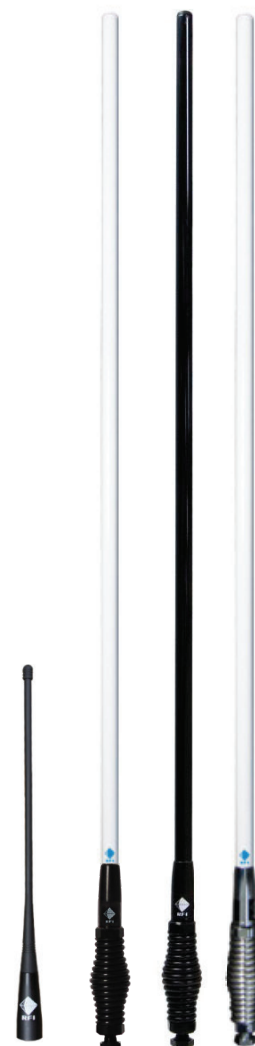
The CDR5000 series is a light weight version of our CDQ5000 which is ideal for mounting on guards, mirrors or bull bars. It utilises our Patented PCB based Meander™ collinear design offering the ultimate in pattern and gain stability and employs our Q-Fit® removable whip system. The antennas we supplied with our medium duty spring assembly which included 5m low loss 9006 cable terminated with an FME female connector and includes a UHF to FME adaptor.

Features:

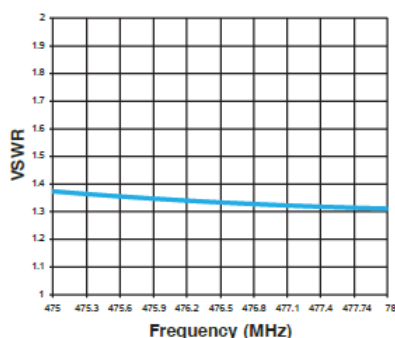
- Patented PCB based Meander™ collinear design offering the ultimate performance & robustness.
- 5 dBi gain across the full 477 MHz UHF CB band.
- Q-Fit™ removable whip system for ease of removal in low height environments such as multi-story car parks, car wash's or for security Totally ground plane independent.
- Supplied pre-terminated with FME connector and UHF adaptor

Available Models

Item Number	Description
CDR5000-B	Black whip with black chrome spring assembly
CDR5000-WB	White ship with black chrome spring assembly
CDR5000-W	White whip with bright chrome spring assembly
CDR5000-B+CD34	Same as CDR5000-B & includes a CD34 whip (see picture)
CDR5000-W+CD34	Same as CDR5000-W & includes a CD34 whip (see picture)



Typical VSWR



Electrical Specifications

Model Number	CDR5000
Gain dBi	5
Frequency MHz	477
VSWR	< 1.5:1
Impedance Ω	50
Vertical Beamwidth	33°
Maximum Power W	25

Mechanical Specifications

Model Number	CDR5000
Construction	PCB inside tapered fibreglass radome with medium duty stainless steel spring assembly
Mounted Height mm	930
Radome Diameter mm	16
Weight kg	0.75
Termination	5m of 9006 low loss cable terminated with FME female connector and supplied with a UHF adaptor
Mounting	16mm diameter mount hole required