

UHF CB HIGH GAIN COLLINEAR ANTENNA

477 MHz

CDQ3000, CDQ5000/CDQ5000-BL & CDQ8000



CDQ3000, CDQ5000/CDQ5000-BL & CDQ8000 antennas are based on our successful CD5000 antenna and designed to the same revolutionary performance. The secret to this extraordinary performance lies in the use of a unique PCB radiator. The patented Meander™ circuit delivers exceptional consistency in gain and pattern.

The CDQ3000, CDQ5000 & CDQ8000 employs the new Q-Fit® removable whip system for fast and simple removal when entering low height areas such as car parks or when using car washes. This antennas are supplied with a waterproof cap to ensure no water/dust ingress into the antenna connection when the whip is removed.

Features:

- Patented PCB based Meander™ collinear design offering the ultimate in pattern and gain stability.
- 3 dBi (CDQ3000), 5 dBi (CDQ5000) and 8 dBi (CDQ8000) 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.

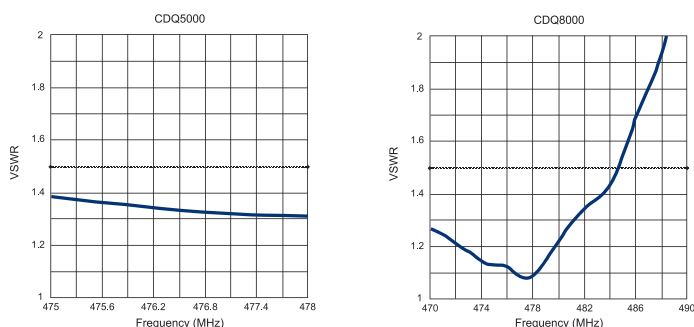
CDQ3000/5000/8000

Black whip with black chrome spring assembly	CDQ3000
Black long whip matching CDQ8195-B and black chrome spring assembly	CDQ5000-BL
Black whip with black chrome spring assembly	CDQ5000-B & CDQ8000-B
White whip and black chrome spring assembly	CDQ5000-BW & CDQ8000-WB



PRO
SERIES

Typical VSWR Response



Electrical Specifications

Model Number	CDQ3000	CDQ5000/CDQ5000-BL	CDQ8000
Nominal Gain dBi	3	5	8
Frequency MHz	477		
Tuned Bandwidth MHz	Full		
VSWR (Return Loss)	<1.5:1		
Impedance Ω	50		
Vertical Beamwidth	60 °	33 °	14 °
Input Power W	25		

Mechanical Specifications

Model Number	CDQ3000	CDQ5000/CDQ5000-BL	CDQ8000
Construction	PCB inside tapered fibreglass radome with heavy duty SS spring assembly		PCB inside tapered fibreglass radome with extra heavy duty SS spring assembly
Length mm	515	970/1210	2080
Radome Diameter mm	22.5-18.5	22.5 - 15.6	
Weight kg		1.15	1.7
Shipping Weight kg		1.2	1.75
Shipping Dimensions mm	H	1200	2100
	W	125	125
	L	50	50
Termination	5m of 9006 low loss cable terminated with FME female connector and UHF adaptor		
Mounting Area	16mm diameter mount hole required		

USA Patent No. 6,909,403 B2 European Patent No. 1411588 and other pending applications: Aust Patent App. No. 2003255049
Chinese Patent App No. 200310100548.5 Indian Patent App No. 844/CHE/2003