

CDX-TREME Cellular Antennas

698-3800 MHz

Omnidirectional Collinear



The CDX-TREME cellular antennas are designed to not only look great on your 4x4 recreational and commercial vehicle but also perform optimally in the remotest of locations.

Designed to cover the full cellular bands from the 5G LTE (3400-3800MHz), to the 4G LTE (698-960MHz, 1710-2170MHz and 2300-2700MHz) and is ideal for use with cellular modems, & active repeaters when signals are at their poorest.

The patented Meander™ radiating element within provides extraordinary gain, coverage patterns and bandwidth and also ensures that product is consistently produced to perform at its best. Being lighter and with less integrated components and support mechanisms than others in the market, it is designed to withstand the toughest of conditions, even in high vibration applications.

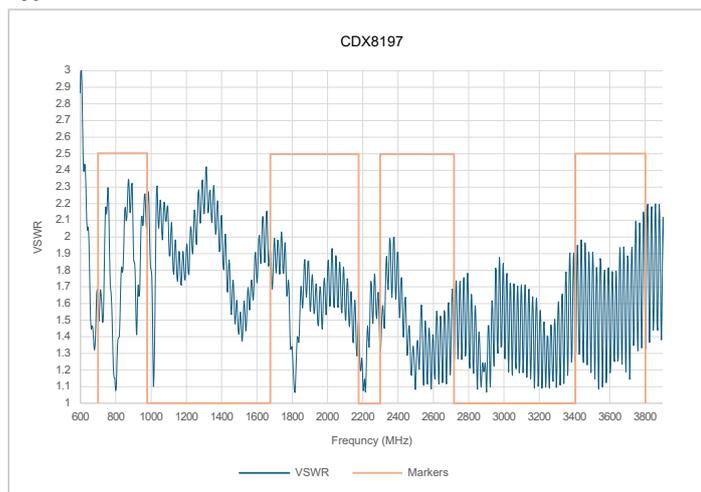
With a larger spring base for the toughest of Australian conditions, this design incorporates a removable design so that different gain whips can be chosen for optimal performance in varied applications. Installation is made easy with 5m of cable, reliable integrated SMA (Male) connector and larger mounting thread with nut and star washer for reduced maintenance on a wide variety of mounting brackets in high vibration conditions.

CDX-TREME
SERIES

Key Features

- Patented PCB based collinear design offering the ultimate in pattern and gain stability.
- High gain across all bands making it suit fringe and rural applications.
- Removable whip system for ease of removal in low height environments such as multi-story car parks, car washes or for security.
- Proudly designed and manufactured in Australia.

Typical VSWR



**PATENTED
PCB MEANDER
TECHNOLOGY**



Electrical Specifications

Model Number	CDX8194-B	CDX8197-B
Frequency MHz	698-960 / 1710-2170 / 2300-2700 / 3400-3800	698-960 / 1710-2170 / 2300-2700 / 3400-3800
Nominal Gain dBi	4.5 / 4.5 / 5.5 / 6.5	7.5 / 4.5 / 5.5 / 6.5
Turned Bandwidth		Full
VSWR		<2.5:1
Nominal Impedance Ω		50
Vertical Beamwidth °	60 / 30 / 20 / 15	20 / 30 / 20 / 15
Input Power W		10

Mechanical Specifications

Model Number	CDX8194-B	CDX8197-B
Whip Type & Construction	Fibreglass. Removable - Tightened with grub screw for added security.	
Spring Assembly	Extra Heavy Duty Convex Spring (Black)	
Mounting	M16 x P2.0 Threaded Stud. Star Washer & Nut supplied.	
Mounted Length m	0.6	1.2
Cable / Connector	5m RG58A/U low loss coax cable (9006) terminated with straight SMA(M) plug	
Mounting Hole	Ø 16mm	
Radome Colour	Black	