

# Multi-band High Gain Collinear

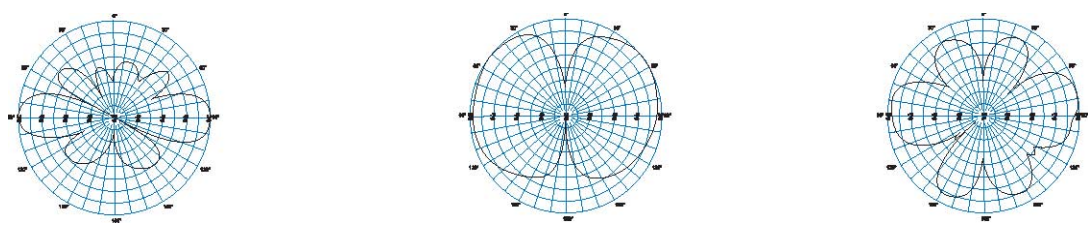


The CD2195 offers revolutionary multi-band performance for the most demanding of voice and data requirements. With high gain and consistent performance across 3G850, GSM900/1800, PCS1900 and 3G2100, the CD2195 is ideal for use in fringe areas and rural applications across the world.

The secret of this antennas extraordinary performance lies in the use of two unique PCB radiators. These meander circuits are coupled together to deliver extraordinary consistency in gain and pattern. This latest design offers coverage across multiple networks – ideal for the latest requirements where network operators can switch calls between bands.

- Patented PCB based collinear design offering the ultimate in pattern and gain stability
- Ideal for all new 3G networks with true multi-band coverage
- Perfect for 3G conditions requiring the ability to switch calls across bands.
- 6.5dBi gain across 824-960MHz suiting fringe and rural applications
- Min. 3dBi gain at 2100MHz to suit metropolitan applications today and future proofing for network expansions

Typical E-Plane response Typical E-Plane response Typical E-Plane response (3G, 850 & GSM900) (GSM1800) (3G 2100)



## Electrical

Model Number		CD2195	
Gain dBi	6.5dBi		3dBi
Frequency MHz	824-960		1710-2170
Max Power W		10	
Tuned Bandwidth		Full	
VSWR		<2.5:1	
H-Plane Beamwidth		Omni	
Impedance		50	

## Mechanical

Model Number	CD2195
Whip Length mm	890
Mounting	Spring mount base
Cable and Connector	5.0m of RG58 9006 fitted with FME 101 connector. TNC and mini UHF adapters provided.
Construction	PCB inside black fibreglass radome
Weight kg	0.9

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