

5G LTE Collinear Terminal Antenna

698-3800 MHz

CD8200 Series



The new CD8200 Series 5G LTE antennas cover the 4G LTE bands (698-960 MHz, 1710-2170 MHz, and 2300-2700 MHz) and now the new 5G LTE band (3400-3800 MHz) and is ideal for use with cellular modems & active repeaters, especially when signal is poor.

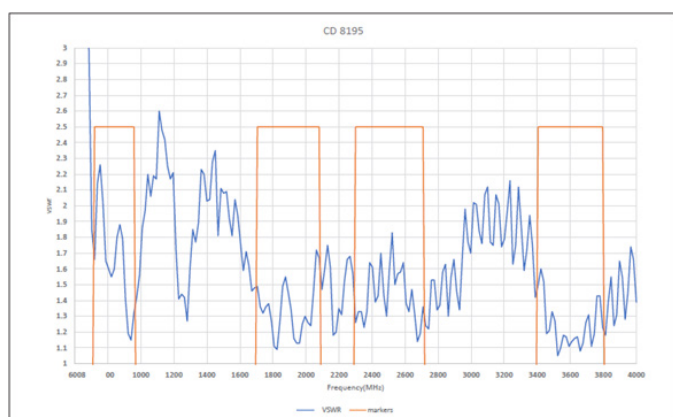
The outstanding performance of the CD8200 series lies in the use of the patented Meander™ radiating elements. These Meander™ circuits are coupled together to deliver extraordinary consistency in gain, coverage pattern and bandwidth. The result is a unique antenna able to operate across all mobile phone networks globally, housed in the one unit.

The CD8200 Series is designed for fixed mounting using the 1/2" 26TPI threaded stud & nut.

Key Features:

- Patented PCB based collinear design offering the ultimate in pattern and gain stability.
- Ideal for new 5G LTE networks with true multi-band coverage.
- High gain across all bands making it suiting fringe and rural applications.

Nominal VSWR:



Electrical Specifications

Model No.	CD8294	CD8295
Frequency MHz	698-960 / 1710-2170 / 2300-2700 / 3400-3800	
Nominal Gain dBi	5.5 / 4.5 / 5.5 / 6.5	6.5 / 4.5 / 5.5 / 6.5
Turned Bandwidth	Full	
VSWR	<2.5:1	
Nominal Impedance Ω	50	
Vertical Beamwidth °	30 / 30 / 20 / 15	25 / 30 / 20 / 15
Input Power W	10	

Mechanical Specifications

Model No.	CD8294	CD8295
Construction / Whip Type	Fibreglass/Non-Removable	
Mounting	1/2" 26TPI Threaded Stud & Nut	
Length mm	571	806
Cable / Connector	5m RG58 (9006) low loss cable terminated with SMA male connector	
Mounting Hole	Ø 13-16mm mounting hole	
Colours (Suffix code when ordering)	Black only	