4G LTE Cellular Mobile Antenna

698-960, 1710-2170MHz & 2300-2700MHz

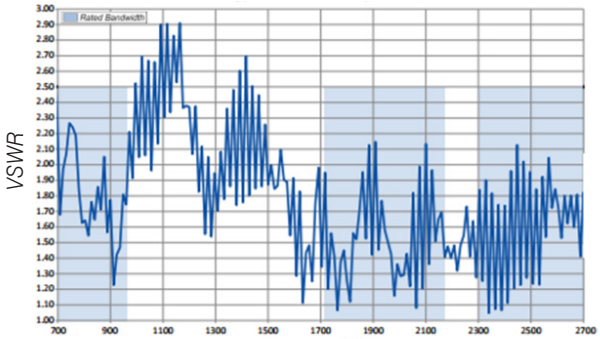
CDR7100 Series

The CDR7100 Series 4G LTE cellular mobile antennas utilises our patented Meander™ flexible PCB 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 CDR7100 Series antennas sits in between our market leading CD7100 and CDQ7100. It is basically a light duty CDQ7100 (i.e. using our CD7100 15.6mm parallel radome and a CD900 Series spring assembly). The CDR7100 Series whips can be removed via the integrated N male connector in the whip and N female connector on the spring assembly.

Features:

- Patented PCB based collinear design offering the ultimate in pattern and gain stability
- Ideal for all new 4G LTE networks with true multi-band coverage
- High gain across all bands making it suitable for fringe and rural applications
- Q-Fit® removable whip system for ease of removal in low height environments such as multi-story car parks, car washes or for security

Typical VSWR Response



Frequency (MHz)

Electrical Specifications

Model Number	CDR7194(-B)*	CDR7195 (-B/-W)
Frequency *MHz*	698-960 / 1710-2170 / 2300-2700	
Nominal Gain *(dBi)*	5.0 / 4.5 / 5.5	6.5 / 4.5 / 5.5
Tuned Bandwidth *MHz*	Full	
VSWR	<2.5:1	
Nominal Impedance Ω	50	
Vertical Beamwidth°	30 / 40 / 25	25 / 30 / 20
Input Power *W*	10	

Mechanical Specifications

Model Number	CDR7194(-B)*	CDR7195 (-B/-W)
Construction	**-B Version:** Black fibreglass radome with black chrome spring assembly **-W Version:** White fibreglass radome with bright chrome spring assembly	
Length *mm*	695	930
Radome *ø mm*	15.6	
Weight *kg*	0.72	0.75
Cable / Connector	5m 9006 low loss cable terminated with FME female connector	
Mounting	16mm ø mounting hole required	

Notes: *CDR7194 is only available in black