

4G LTE Cellular Mobile Antenna

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

CD7100 Series

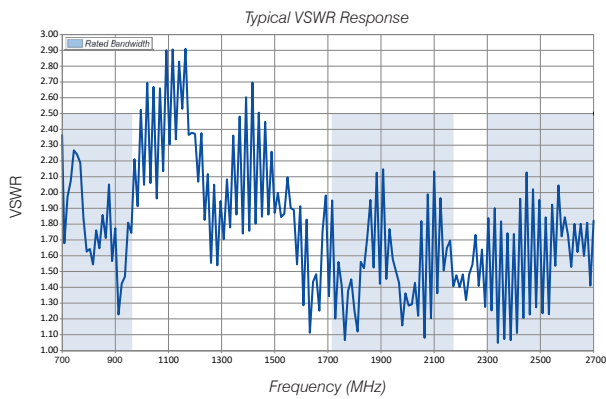


The evolution continues with the release of the CD7100 Series 4G LTE cellular mobile antenna. Like the CD2100 Series, the secret to its outstanding performance lies in the use of the patented Meander™ radiating elements. These Meander circuits are coupled together to deliver extraordinary consistency 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.

With a 13mm stud mount on a heavy duty black chrome stainless steel spring, the CD7100 Series can be installed on a number of mounting brackets and are ideal for installations in commercial vehicles, four wheel drives and trucks.

Features:

- Patented PCB based Meander™ collinear design offering the ultimate in pattern and gain stability
- Ideal for all new 4G networks with true multi-band coverage
- High gain across 4Gx/4G+ band suiting fringe and rural applications



Electrical Specifications

Model Number	CD7194(-B)*	CD7195(-B/-W)	CD7197(-B/-W)
Frequency MHz	698-960/1710-2170/2300-2700		
Nominal Gain dBi (dBd)	5.5/4.5/5.5	6.5/4.5/5.5	7.5/4.5/5.5
Tuned Bandwidth	Full		
VSWR (Return Loss)	<2.5:1		
Nominal Impedance Ω	50		
Vertical Beamwidth°	30/40/25	25/30/20	20/20/20
Input Power W	10		

Mechanical Specifications

Model Number	CD7194(-B)*	CD7195(-B/-W)	CD7197(-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	655	890	1140
Radome Diameter mm	15.6		
Weight kg	0.57	0.60	0.65
Cable / Connector	5m 9006 (RG58) low loss cable terminated with FME female connector		
Mounting	13mm diameter mounting stud / requires 16mm hole		

*CD7194 is only available in all black