

# 4G LTE Cellular Mobile Antenna

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

### CD7100 Series

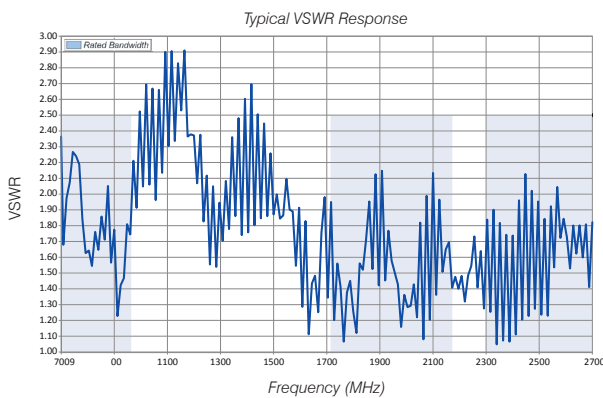


The evolution continues with the release of the CD7100 Series 4G LTE cellular mobile antenna. Like the CD2100 Series, the secret to its outstanding performance lies in the use of the patented Meander™ radiating elements. These Meander circuits are coupled together to deliver extraordinary consistency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



#### Electrical

Model Number	CD7194(-B)			CD7195(-B & -W)		
Frequency MHz	698-960	1710-2170	2300-2700	698-960	1710-2170	2300-2700
Nominal Gain dBi	5.0	4.5	5.5	6.5	4.5	5.5
Tuned Bandwidth	Full					
VSWR	<2.5:1					
Impedance Ω	50					
Vertical Bandwidth	30	40	25	21	40	25
Input Power W	10					

#### Mechanical

Item Number	CD7194(-B)	CD7195(-B & -W)
Construction	<b>-B version:</b> Black fiberglass radome with black chrome spring assembly	<b>-B version:</b> Black fiberglass radome / Black chrome spring <b>-W version:</b> White fiberglass radome / Bright chrome spring
Length mm	655	890
Radome Ø mm	15.6	
Weight kg	0.57	0.636
Cable / Connector	5m 9006 low loss cable terminated with FME female connector	
Mounting	13mm diameter mounting hole required	