

Q-FIT® 4G LTE Cellular Mobile Antenna

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

CDQ7100 Series

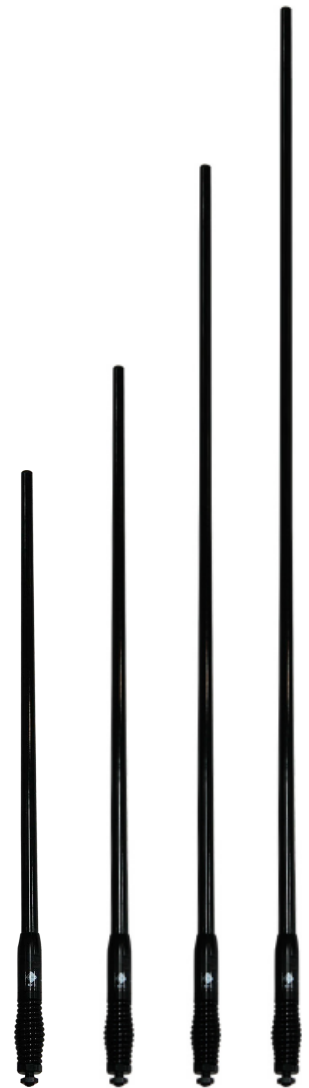
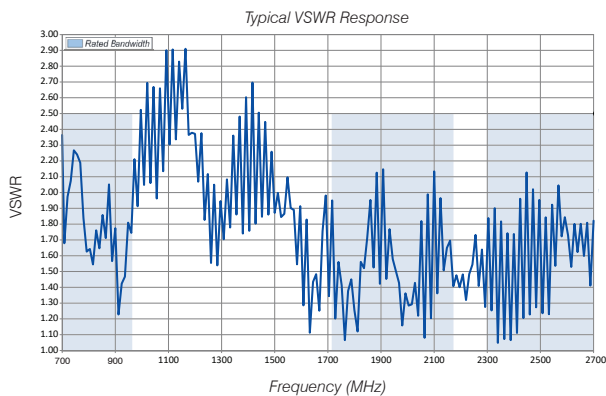


The outstanding performance of the CDQ7100 series lies in the use of the patented Meander™ radiating elements. These Meander™ circuits are coupled together to deliver extraordinary consistency in gain, coverage pattern and bandwidth. The result is a unique antenna able to operate across all mobile phone networks globally, housed in the one unit.

In addition the CDQ7100 series are designed with our Q-Fit® system for quick and simple removal of the whip section. This allows users to remove the whip section when entering car washes, low height areas such as car parks and for security. The antennas are provided with a waterproof sealing cap to prevent the ingress of dust and water when the whip section is removed.

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
- Q-Fit® removable whip system for ease of removal in low height environments such as multi story car parks, car wash's or for security



Electrical Specifications

Model Number	CDQ7194(-B)	CDQ7195(-B/-W)	CDQ7197(-B/-W)	CDQ7199(-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	7.5/4.5/5.5	8.5/4.5/5.5
Tuned Bandwidth MHz	Full			
VSWR	<2.5:1			
Nominal Impedance Ω	50			
Vertical Beamwidth°	30/40/25	25/30/20	20/20/20	15/15/20
Input Power W	10			

Mechanical Specifications

Model Number	CDQ7194(-B)	CDQ7195(-B/-W)	CDQ7197(-B/-W)	CDQ7199(-B/-W)
Constructions	-B version: Black fibreglass radome with black chrome spring assembly -W version: White fibreglass radome with bright chrome spring assembly			
Length mm	735	970	1210	2080
Radome Diameter mm	15.6 – 22.5			
Weight kg	1.12	1.15	1.25	1.7
Cable / Connector	5m 9006 (RG58) low loss cable terminated with FME female connector			
Mounting	16mm ø hole required			