

Low Profile Omni Directional 5G LTE Antenna

698-3800MHz

CSM700



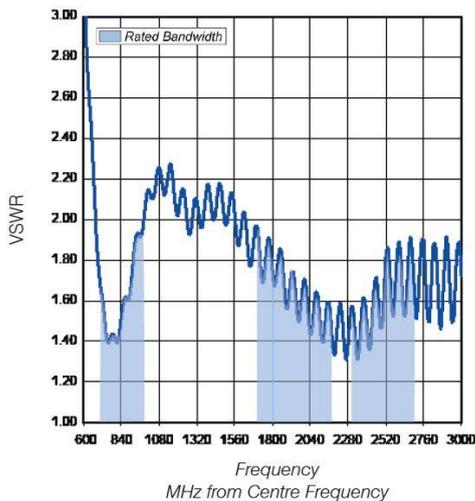
The CSM700 is a compact low-profile omnidirectional LTE antenna that provides excellent coverage for mobile and fixed data applications from 698 MHz to 3.8GHz. The antenna features an attractive, compact housing which can be used in both indoor and outdoor applications. The CSM700 is fitted with a 15.7mm ϕ stud mount (fits a 16mm ϕ hole) incorporating an integrated rubber O-ring seal and is IP65 rated.

Features:

- Polycarbonate radome is ideal for outdoor use
- Attractive, low profile design for maximum overhead clearance
- Stud mounting offers ease of installation in the field
- Ingress protection to IP65
- Other cable/connector configurations available upon request
- Available in 3 standard versions
 - With integrated N female connector
 - With 1.25m RG58 cable and SMA male connector
 - With 5m RG58 cable and no connector



Typical VSWR Response



Electrical Specifications

Model Number	CSM700 Series			
Frequency MHz	698-960	1710-2170	2300-2700	3500-3800MHz
Nominal Gain* dBi	2	3.5	5	5
Tuned Bandwidth	Full			
VSWR	<2.0:1			
Nominal Impedance Ω	50			
Power W	10			
Tuning	Supplied pre-tuned			

*Tested on 1m x 1m ground plane

Mechanical Specifications

Model Number	CSM700-1.25M-SMA	CSM700-5.0M-NC	CSM700-N
Construction	UV stable black polycarbonate radome		
Total Length mm	95		
Radome Length mm	80		
Radome ϕ mm	50		
Mounting Stud ϕ mm	15.7		
Mounting	Into a 16mm ϕ hole		
Weight kg	0.17 without cable		
Cable / Connector	1.25m RG58 / SMA(M)	5m RG58 / No connector	Integrated N(F)