

LTE / GPS Dome Antenna

698-2700MHz & GPS/GLONASS

LTE-G-SDA Series



The LTE-G-SDA Series is a compact low-profile omnidirectional dome style antenna which incorporates both a LTE (698-2700MHz) and GPS/Glonass antennas. The antenna features an attractive, compact housing which can be used in both indoor/outdoor applications and is mounted via a M14 mm stud/nut.

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 IP67



Electrical Specifications

Model Number	LTE-G-SDA-1.5M-S		
Frequency MHz	698-960	1710-2170	2500-2700
VSWR	<2.2:1	<1.5:1	<1.6:1
Gain dBi (Peak)	2	4	3.5
Impedance Ω	50		
Polarisation	Vertical		
Pattern	Omni-directional		
Power W (Max.)	25		
	GPS/GLONASS		
Frequency MHz	1575.42 & 1598-1602		
LNA Gain dB	23 @ 3V / 24 @ 5V		
VSWR	<1.5:1		
Polarisation	RHCP		
Impedance Ω	50		
Noise Figure dB	1.2		
Voltage Supply V	2.7V - 5.5V		
Current mA	15 - 25		
GPS Isolation dB	25 (max.)		

Mechanical Specifications

Model Number	LTE-G-SDA-1.5M-S
Mounting	Screw Mount
Dimensions mm	Ø 77.3 x 65.5
Radome	ASA
Radome Colour	Black
Antenna Base	Zamak
Gasket	TPE
Power W (Max.)	25
Cable / Connector	2 x 1.5m RG174 / SMA Male
Ingress Rating	IP67
Operating Temp. °C	-40 to +85