

LTE Cellular / GPS Low Profile Antenna

LTE-G-SLP Series



The LTE-G-SLP Series is a compact low-profile omni-directional LTE & GPS antenna that provides excellent coverage for mobile and fixed data applications from 698MHz to 2.7GHz. This LTE-G-SLP also includes a high performance GPS/GLONASS antenna.

The antenna features an attractive, compact housing which can be used in both indoor and outdoor applications. The antenna is mounted via a M10mm stud/nut and the base incorporates a foam seal.



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	LTE-G-SLP-1.5M-SMA		
Cable 1	LTE Cellular Antenna		
Frequency MHz	698-960	1710-2170	2500-2700
Gain dBi (peak)	1.8	3.5	4.4
VSWR	<2.2:1		
Impedance Ω	50		
Radiation Pattern	Omni-Direction		
Polarisation	Vertical		
Power W (max.)	25		
Cable 2	GPS/GLONASS Antenna		
Band	GPS/QZSS/Galileo	GLONASS	
Frequency MHz	1575.42	1498-1606	
Patch Size mm	25 x 25 x 4		
Active Gain dB	28 @ 2.7V		
VSWR	<1.5:1		
Impedance Ω	50		
Radiation Pattern	Hemispherical		
Polarisation	RHCP		
Saw Filter	Pre-Filter		
Noise Figure dB	1.5 Typical		
Voltage V	1.5 - 3.6		
Current mA	9 Typical		
Power Consumption mW	24.3 Typical		
ESD Protection kV	2		

Antenna Measurement Conditions:

- Mounted on 30 x 30 x 0.25cm ABS Plate
- 2m of RG174 cable

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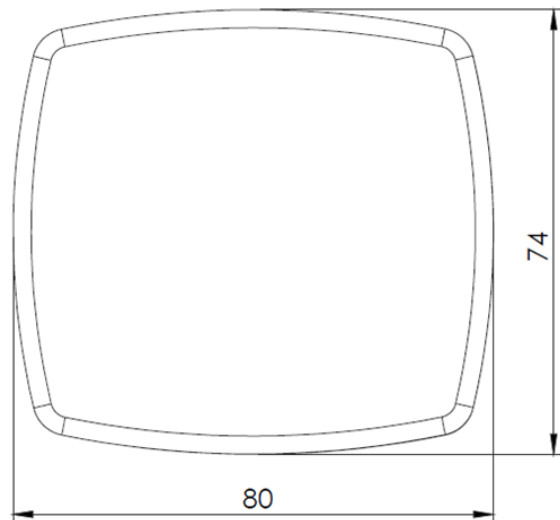
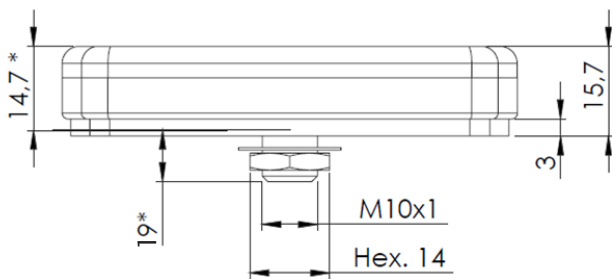
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Mechanical Specifications

Model	LTE-G-SLP-1.5M-SMA
Mounting Type	Threaded Stud Mount
Stud Mount Dimensions mm	M10 x 19
Dimensions mm	80 x 74 x 14.7
Radome	UV Stable ABS
Radome Colour	Black
Operation Temp. °C	-40 to +85
Certificates	IP67
Cable(s)	2 x 1.5m RG174
Connector(s)	2 x SMA male

Drawings



Images

