

LTE/GPS 2-in-1 External Antennas



Off-the-shelf LTE/GPS 2-in-1 External Antennas are a combination of high-performance GPS and a cellular antenna, designed for reliable asset tracking and remote monitoring applications

Features and Advantages

Integrated LTE and GPS antennas in one housing
Enables reliable asset tracking and remote monitoring



LTE/GPS 2-in-1 Screw Mount Antenna



Less than 2 VSWR with low noise figure and high gain
Delivers superior RF performance



Multi-protocol solution that supports 2/3/4G and GPS technologies
Makes it suitable for diverse applications

Applications

Connected Home

- Security and surveillance
- Home automation
- Home streaming
- Entertainment
- Smart appliances
- Energy and utilities

IoT

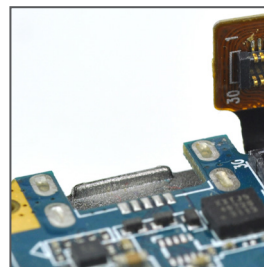
- Infrastructure solutions

Telecommunications/Networking

- Infrastructure/networking

Commercial Vehicles

- Networking
- Roadside traffic infrastructures



Cellular Module



IT infrastructure

Specifications

	<i>REFERENCE INFORMATION</i>		
Packaging	Bag		
Mates With	SMA straight cable plugs (male)		
Designed In	Millimeters		
RoHS	Yes		
	<i>ELECTRICAL</i>		
Frequency (MHz)	824 to 960	1710 to 2690	1575.42
RF Power (Watt)	2		NA
Return Loss (dB)	<-5	<-5	<1.5
Average Total Radiation Efficiency	>55%	>60%	>40%
Peak Gain (dBi)	0.77	3.73	0.77
Impedance (Ohms)	50		
	<i>MECHANICAL</i>		
	Refer to product specifications		
	<i>PHYSICAL</i>		
Size (mm)	75.00 by 14.90 (Cable not included)		
Material	Refer to sales drawings		
Operating Temperature	-40 to +85°C		

www.molex.com/link/combo-external.html

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