



# LTE Antenna

## MODEL: AU-4C-LTE

LTE Multi-band Antenna for 2G, 3G, 4G applications.

WI-RD-D-025 V1.0



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### Overview:

The **AU-4C-LTE** is the multi-band antenna, which covers GPS/ 700~2700MHz. It is specially designed for GPS/ 2G, 3G and 4G applications. The high sensitivity of **AU-4C-LTE** will be the best candidate for your alternative.

### Features:

1. Low profile structure
2. Both permanent and magnetic mountings are available
3. Covers all the mobile communication network
4. Fully waterproof

### Applications:

1. Vehicle Tracking
2. Asset Tracking
3. GPS Navigation
4. Telemetry Application
5. 4G Application

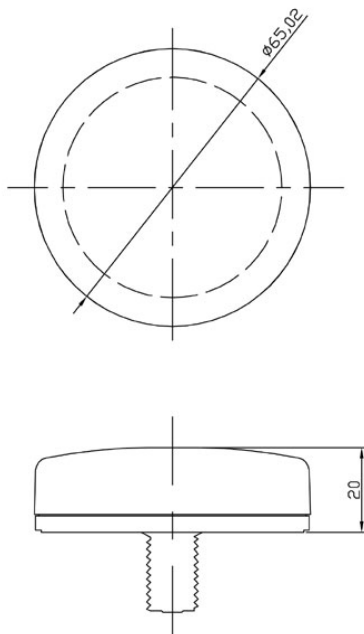
### Specification:

Category	GPS Antenna	Communication Antenna
Frequency	1575.42MHz (L1)	704~960 MHz, 1710~2690 MHz
Gain(Without Cable)	27dB	5dBi@700~960MHz(1m Cable) 2dBi@1710~2690MHz(1m Cable)
V.S.W.R	≤ 1.8.	<2.0
Noise Figure	1.2 Max	--
Band Width	2 MHz	--
Impedance	50 Ohm	50 Ohm
Cable/Connector	1m RG-174 Cable-SMA(P)	1m RG-174 Cable-SMA(P)
Polarization	R.H.C.P	Linear
Power supply	3.0 ~ 5.5V DC	--
Power Consumption	12mA	--
Power Handling Capacity	-	5W
Dimension	65mm(Dia.) x 20mm(H)	
Operation Temperature	-40degC to +80degC	
Storage Temperature	-45degC to +100degC	

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- \* This specification is subject to change without prior notice
- \* Customization specifications is welcome
- \* The test is taken in the SANAV CTIA standard 3D RF chamber

### Mechanical Diagram:



Tolerance: ±0.5mm