

3 in 1 Combination M2M Puck Antenna 3G/4G/WiFi/GPS Antennas

Part No:AC-GPS/WIFI/LTE-03

1. Introduction

The 3in1 GPS/WIFI/LTE antenna is a low profile,heavyduty, waterproof reach IP66.

It use by RF professionals in telematics, transportation and remote monitoring applications.

It combines the highest possible efficiency and peak gain in GPS/2G/3G/4G in a low profile compact format for mounting via high quality first tier

For installation combines 3M adhesive foam,screw mount together。



2. Specification

Electrical

| | | |
|-------------------|---------------------------|---------------------------------|
| GPS Part: | Dielectric Antenna | |
| | Frequency Range | 1575.42MHz±3 MHz/1602-1610MHz |
| | Polarization Type | RHCP |
| | Gain | 5dBi |
| | V.S.W.R | <2.0 |
| | Impedance | 50Ω |
| | LNA | |
| | LNA Gain | 28±2dB Typical |
| | Noise Figure | 1.5dB |
| | Ex-band Attenuation | 12dB@CF+50MHz/16dB@CF-50MHz |
| | V.S.W.R | <2.0 |
| | Voltage | 2.7/3.0/3.3/5.0/3.0 to 5.0 etc. |
| | Current Consumption(mA) | 11 Max |
| | Impedance | 50Ω |
| DC current | 5-15mA | |
| WIFI Part: | Frequency range | 2400-2500MHz |
| | V.S.W.R | 2.0:1 |
| | Gain | 3dB |
| | Polarization | Linear |
| | Impedance | 50Ω |
| LTE Part: | Frequency range | 698-960MHz/1710-2700MHz |
| | V.S.W.R | 2.0:1 |
| | Gain | 2dBi |
| | Polarization | Linear |
| | Impedance | 50Ω |
| Mechanical | | |
| | Housing | Black |
| | Cable | RG174 |
| | Length | 3M |
| | Connector | 3xSMA Male |

| Environmental | | |
|---------------|-------------------------|-------------|
| | Working Temp | -40°C~+85°C |
| | Humidity | 55%-75%RH |
| | Waterproof | IP67 |
| | Antenna Radome Material | ABS |
| | Mount way | Screw |
| | Antenna Dimension | Φ80×15 mm |
| | Weight | 150g |
| | RoHS Compliant | YES |