

Multi-band Antenna

MODEL: AU-4-900/1800/2400

Multi-band antenna for any telemetry applications



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The **AU-4-900/1800/2400** is the multi-band combo antenna, which covers the frequency of GPS/900/1800/2400MHz. It is specially designed for any telemetry applications, which utilize those bands. The high sensitivity of **AU-4-900/1800/2400** will enhance the performance of your telemetry devices.

Features

1. Low profile structure without a whip
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. Wifi or Wireless Networking
5. Telemetry Application

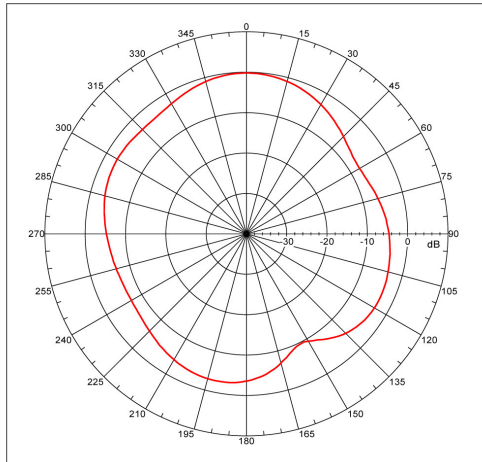
Specification

| Category | GPS Antenna | Communication Antenna |
|-------------------------|------------------------|---|
| Frequency | 1.57542GHz (L1 BAND) | 890~960 MHz (GSM 900MHz) 1710~1890 MHz (DCS 1800MHz) 2400 ~ 2483 MHz (2400 MHz) |
| Gain | 27dB | 900 MHz = 1.0 dBi 1800 MHz = 1.0 dBi 2400 MHz = 0 dBi |
| V.S.W.R | ≤ 1.8. | ≤ 2.0 (with 5m cable) |
| Noise Figure | 2.0 Max | - |
| Band Width | 2 MHz | 136MHz for frequency of 824MHz-960MHz 280MHz for frequency of 1710MHz-1990MHz 83MHz for frequency of 2400-2483MHz |
| Impedance | 50 Ohm | 50 Ohm |
| Cable/Connector | 5 Meter-RG174/ SMA | 5 Meter-RG174/SMA |
| Polarization | R.H.C.P | Linear |
| Power supply | 3.0 ~ 5.5V DC | - |
| Power Consumption | 12mA | - |
| Power Handling Capacity | - | 10W |
| Dimension | 63mm(Dia.) x 15.6mm(H) | |
| Operation Temperature | -40degC to +80degC | |
| Storage Temperature | -45degC to +100degC | |

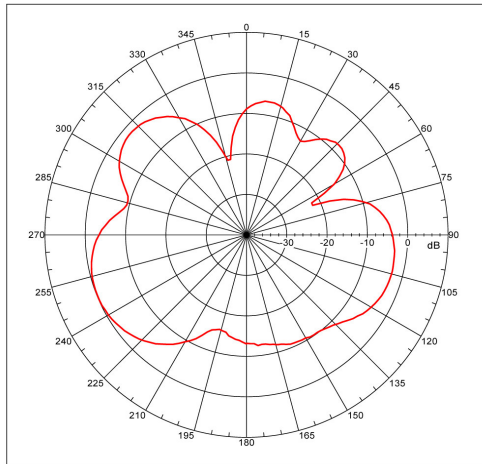
* This specification is subject to change without prior notice

Data Updated: Aug 01, 2007

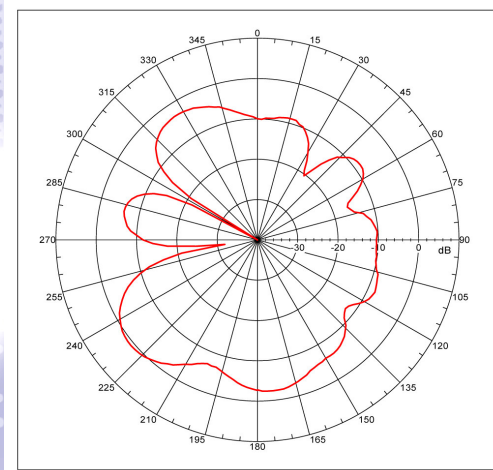
Pattern Test Report



At the frequency of 900MHz



At the frequency of 1800MHz



At the frequency of 2400MHz

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