

6-in-1 Multi-band Antenna

Ct-GG106A



Multi-band antenna for any telemetry applications

Specifications Sheet

The Ct-GG106A is the multi-band antenna, which covers GPS/850/900/1800/1900/2100 MHz frequencies. It is specially designed for any telemetry applications, which utilize those bands. The high sensitivity of **Ct-GG106A** 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. IPX7 fully waterproof

Applications:

1. Vehicle tracking
2. Asset tracking
3. GPS Navigation
4. Telemetry Application

Specification:

| Category | GPS Antenna | Communication Antenna |
|-------------------------|------------------------|---|
| Frequency | 1.57542GHz (L1 BAND) | 824 MHz~894 MHz (GSM 850MHz) 890~960 MHz (GSM 900MHz) 1710~1890 MHz (DCS 1800MHz) 1850~1990 MHz (PCS 1900MHz) 1920~2170 MHz (WCDMA 2100MHz) |
| Gain | 27dB | 1 dBi |
| V.S.W.R | ≤ 1.8. | ≤ 2.0 (with 5m cable) |
| Noise Figure | 2.0 Max | - |
| Band Width | 2 MHz | 136MHz for 824MHz~960MHz 170MHz for 1710MHz~1990MHz 178MHz for 1922MHz~2170MHz |
| Impedance | 50 Ohm | 50 Ohm |
| Cable/Connector | 3 Meter-RG174/ SMA | 3 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 | -40°C to +80°C | |
| Storage Temperature | -45°C to +100°C | |