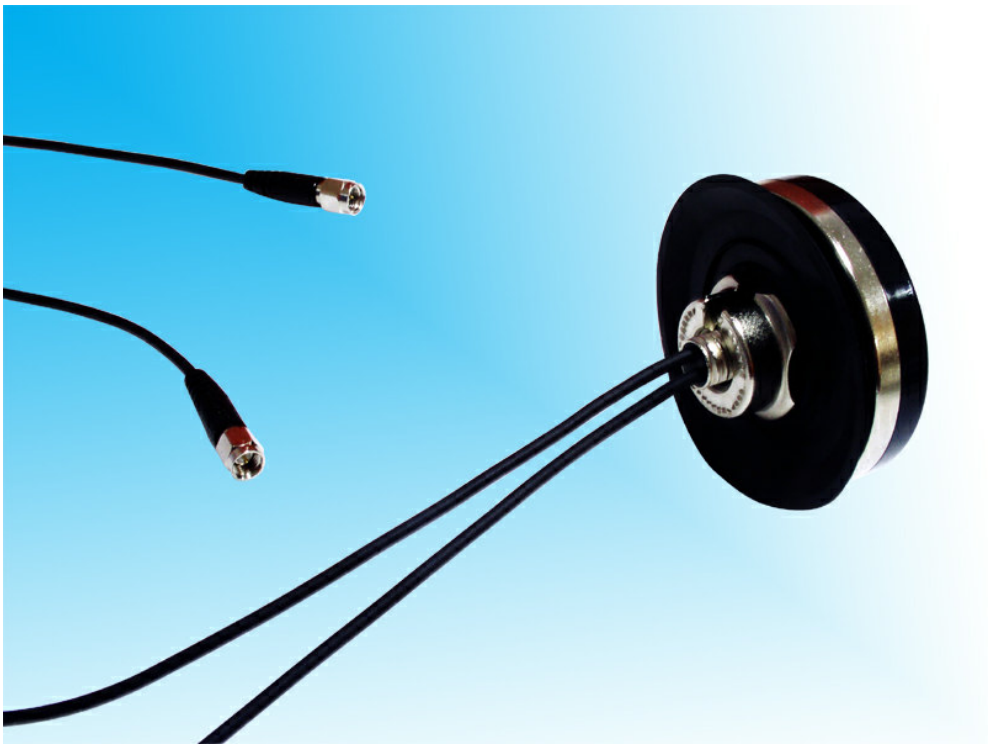
# Dual-Band Antenna Series

## MODEL: AU-3C-CDMA

Combination of Both GPS and CDMA Antennas for AVL or Fleet Management Antenna System



### Features:

- Low Noise Figure
- Fully Weatherproof
- Ultra-high Sensitivity
- Compact Construction
- Excellent Temperature Stability

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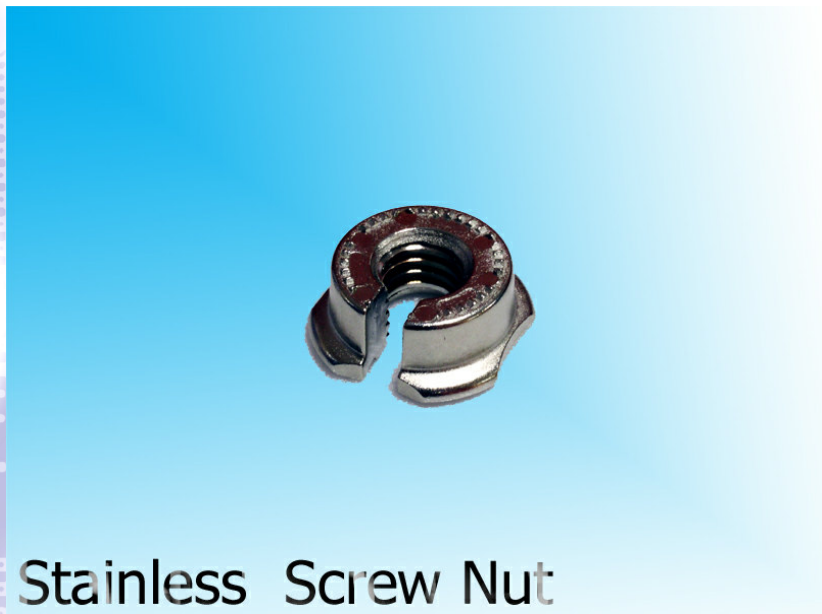
## Effectively Protect Antenna/Vehicle Roof from Scrape or Damage

AU-3C-CDMA, a new member of our mobile dual-band antenna series, is designed to simplify the need for AVL or Fleet Management antenna systems. The combination of both a high gain GPS antenna and a low profile and covert CDMA antenna is perfectly ideal for those applications that require durability, compact size, covert installation and ruggedized construction, such as covering vehicle roof and trunk lid interior deck or dashboard.




## Solid Mounting in Harsh Environment

## Specifications:

| | GPS Antenna | CDMA Antenna |
|---|---|---|
| Features | High performance GPS patch antenna with state-of-the-art low noise amplifier | CDMA 1710~1990 MHz |
| Size | 64.5mm(D) x 14mm(H) | |
| Frequency | 1575.42 MHz | 1710~1990 MHz |
| Polarization | RHCP (Right Hand Circular Polarization) | ------- |
| Gain | 27 dB typically | 1.7 dBi |
| Noise Figure | 1.2 max. | ------- |
| Attenuation | 20dB min. @ F0+/-50MHz | ------- |
| Band Width | 10 MHz | 180 MHz for frequency of 1710~1990 MHz |
| VSWR | ≤1.5 | ≤1.5 |
| Impedance | 50 ohm | 50 ohm |
| Power Supply | Power Consumption: 2.7~5.5V DC @ 13 mA | Power Handling Capacity: 10 W |
| Cable & Connector | 3m RG-174 FME Connector | 3m RG-174 SMA Connector |
| Operating Temperature | -40°C ~+85°C | -40°C ~+85°C |
| Storage Temperature | -45°C ~+100°C | -45°C ~+100°C |

(*PS: The specification is subject to change without prior notice)

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