

**Automotive Antenna Series****Part Number: WPANTAUTG125****Glass Mount GPS/GSM Antenna****Description**

This antenna is ideal for automotive GPS/GSM and Bluetooth applications.

Features and Applications

- Amplified GPS/GSM/Bluetooth Applications
- Tri-Band GSM ¼ WAVE Mini Spider Patch Antenna (Vertical Polarization)
- GPS Active Antenna with Tuned Ceramic Patch (Circular Polarization)

Electrical Properties**GSM ¼ WAVE Mini Spider Patch Antenna**

Frequency:

GSM900: 880 – 960MHz

GSM1800: 1710 – 1880MHz

GSM1900: 1850 – 1990MHz

BT: 2402 – 2480MHz

Gain (typical): 0dBi

VSWR: <2.0

Impedance: 50 Ohms

GPS Active Antenna with Tuned Ceramic Patch

Frequency: 1575.42MHz (L1)

Gain (typical): 26dBi

Power Consumption 125mW (max.)

Supply Voltage: 2.5 – 5.5V (5V nominal)

Supply Current: 15mA – 25mA (18mA nominal)

Impedance: 50 Ohms

Physical Data

Gross Dimensions: 104mm x 26.5mm x 13.2mm

Enclosure: Black ABS Plastic

Mounting: Double-sided adhesive pad 0.8mm thick

Operating Temp: -40°C to +85°C

Cable Length:

GPS: 3m RG174

GSM: 3m RG174

Connectors:

GPS: SMB (f) Nickel-plated brass crimp type

GSM: FME(f) Nickel-plated brass crimp type

**Ordering Information**

Note: Custom cable lengths, connector type and frequencies are available.