

**Automotive Antenna Series****Part Number: WPANTAUTG50****Glass Mount GPS/GSM Antenna****Description**

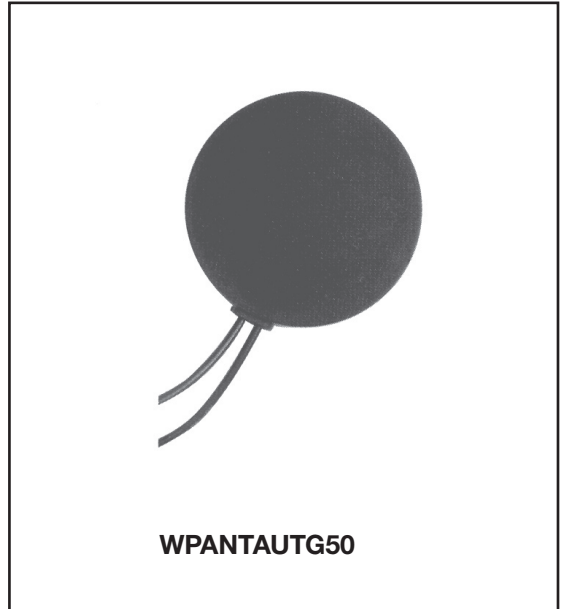
This antenna is ideal for automotive GPS/GSM applications.

Features and Applications

- Amplified GPS/GSM Applications
- GSM Penta-Band Patch Antenna
- GPS Active Antenna with Tuned Ceramic Patch with Circular Polarization

Electrical Properties**GSM Penta-Band Patch Antenna****Frequency:**

GSM 850:	824 – 894MHz
GSM 900:	880 – 960MHz
DCS 1800:	1710 – 1880MHz
GSM 1900:	1850 – 1990MHz
UMTS:	1920 – 2170MHz
Ave. Gain (typ.):	2.2dBi
VSWR:	<2.0
Nom. Impedance:	50 Ohms

**GPS Active Antenna with Tuned Ceramic Patch**

Frequency:	1575.42MHz (L1)
Gain (typical):	26dBi
Power Consumption:	100mW (max.)
Supply Voltage:	3V – 5.0V
Supply Current:	11 – 13 mA
Nom. Impedance:	50 Ohms

Physical Data

Gross Dimensions:	72mm dia. x 11.5mm Black
Enclosure:	ABS plastic
Mounting:	Double-sided adhesive pad 3mm thick
Operating Temp:	-40°C to +85°C
Cable Length:	3m RG174
Connectors:	
GPS:	SMB (f) Nickel-plated brass crimp type
GSM:	SMA (m) Nickel-plated brass crimp type

Ordering Information

Note: Custom cable lengths, connector type are available upon request.