



Automotive Antenna Series

Part Number: WPANTAUTB275

GPS and GPM Combination 1/4 Wave Antenna – Vertical Polarization

Description

This antenna is ideal for automotive GPS and GSM applications requiring a rugged design.

Features and Applications

- GPS and GSM Applications
- Active GPS and Tri-Band GSM
- Vertical Polarization

Electrical Properties

1/4 Wave Antenna – Vertical Polarization

Frequency:	
GSM900:	880 – 960MHz
GSM1800:	1710 – 1880MHz
UMTS:	1920 – 2170MHz
Gain (typical):	+0dBi
VSWR:	<2.0
Impedance:	50 Ohms

GPS Active Antenna with a Filtered Ceramic Patch - Circular Polarization

Frequency:	1575.42 MHz (L1)
Gain (typical):	26dBi
Power Consumption:	125mW (max.)
Supply Voltage:	3 - 5.5V (5V nominal)
Supply Current:	15mA - 25mA (18 mA nominal)
Impedance:	50 Ω

Physical Data

Gross Dimensions:	58mm x 43mm x 64mm
Enclosure:	Black ABS Plastic
Mounting:	Body Mount, 13mm stud with 22mm hex nut Rubber Gasket
Operating Temp:	-40°C to +85°C
Cable Length:	0.2m 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.

