



Picture of the Part



Application

The WPANT30013-SB antenna is a Glass Mount GPS / GSM Dual Antenna for automobile and aviation applications that operates in both GSM / PCS and GPS bands. The standard cable length for this antenna is 3 meters and the standard connector is SMA male for GPS and FME female for GSM.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. WP Wireless specializes in developing customized Antenna solutions. Please contact sales@wp-wireless.com with your specific application requirements.

Electrical Properties

Parameter	Antenna Performance		
	824 – 960 MHz	1567 – 1583 MHz	1710 – 2170 MHz
Operating Frequency	824 – 960 MHz	1567 – 1583 MHz	1710 – 2170 MHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω	50Ω	50Ω
VSWR – Typical	<2:1	<2:1	<2:1
Peak Gain [dBi] (Typical)	2.5 dBi	3 dBi	3 – 3.5 dBi
Efficiency [%] (Typical)	50 - 60%	50 - 60%	50 - 60%
Polarization	Linear	Linear	Linear
Accepted Power [W] (Max)	2 Watts	2 Watts	2 Watts



Mechanical / Environmental Properties

Item	Value
Total Antenna Dimensions	14.5mm Height x 79.5mm Diameter
Antenna Color	Black
Cable	3 meters RG-174
Connector	GPS: SMA Male / GSM: FME Female
Antenna Plastic Radome	ABS, Black color
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
IP Rating	IP67 (waterproof)
Hazardous Materials	RoHS compliant
Packaging	Meets ISTA 2A Standards

Pictures of the Antenna



