



**Picture of the Part**



**Application**

The WPANTDP070-R1A antenna is an L1 band GPS, GSM and FM Antenna for automobile applications. The standard cable length for this antenna is 3 meters and the standard connector is SMA. It can be also configured for different cable lengths and connectors.

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](mailto:sales@wp-wireless.com) with your specific application requirements.

**Electrical Properties**

Parameter	Antenna Performance			
Operating Frequency	88 – 108 MHz	824 – 960 MHz	1567 – 1583 MHz	1710 – 1990 MHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω	50Ω	50Ω	50Ω
VSWR – Typical	<2:1	<2:1	<2:1	<2:1
Peak Gain [dBi] (Typical)	2 dBi	2 dBi	28 dBi	2 dBi
Polarization	Linear	Linear	RHCP	Linear
Accepted Power [W] (Max)	2 Watts	2 Watts	2 Watts	2 Watts



### Mechanical / Environmental Properties

Item	Value
Total Antenna Dimensions	91mm (Height) x 62mm Dia (Base)
Antenna Color	Black
Cable	3 meters long RG174
Connector	SMA
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

### Picture of the Antenna

