

Picture of the Antenna



Application

The WPANTDP006 is a very compact 3G Cellular Dual-band Monopole antenna. It is typically used for Mobile solutions, Telematics, Man to Machine (M2M), Security and Electronic Point-of-Sale. It comes with a straight SMA male connector.

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	
Operating Frequency	880 – 960 MHz	1.71 – 1.88 GHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω	50Ω
VSWR - Typical	<2:1	<2:1
Peak Gain [dBi] (Typical)	1 dBi	1 dBi
Efficiency [%] (Typical)	50-60%	50-60%
Polarization	Vertical	Vertical
Pattern	Near Omni Directional; also depends on installation	Near Omni Directional; also depends on installation
Accepted Power [W] (Max)	2 Watts	2 Watts

Mechanical / Environmental Properties

Item	Value
Dimensions	34mm (Length) X 8mm (Dia)
Antenna Color	Black
Connector	Straight SMA male
Antenna Plastic Radome	ABS, Black
Operating / Storage Temperature	-40°C to +90°C
Shock & Vibration	Complies with IEC61169-36 & MIL-STD-202
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

Picture of the Antenna

