

WPANT30002-SB

3G Cellular & ISM band Body-mount Antenna



Description / Application

This is a Penta-band High Efficiency Omni Directional Body-mount Antenna for 3G Cellular & ISM Applications. This Antenna is ideal for mounting on any metal structures / surfaces. Compact Size and Impressive Efficiency are the key features of this Proprietary Design. It comes with a Type-N Female Jack with a Flat edge connector.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	824 – 960 MHz	1710 – 2170 MHz
Approximate Antenna Impedance [Ω]	50Ω	50Ω
VSWR – Typical*	< 2.5:1	< 2.5:1
Peak Gain [dBi] (Typical)*	2 dBi	4 dBi
Efficiency [%] (Typical)*	85 %	80 %
Polarization	Linear	Linear
Pattern	Near Omni-directional; Also depends on installation	Near Omni-directional; Also depends on installation

*Note: RF Performance Metrics recorded with Antenna placed on top of a Metal Box.

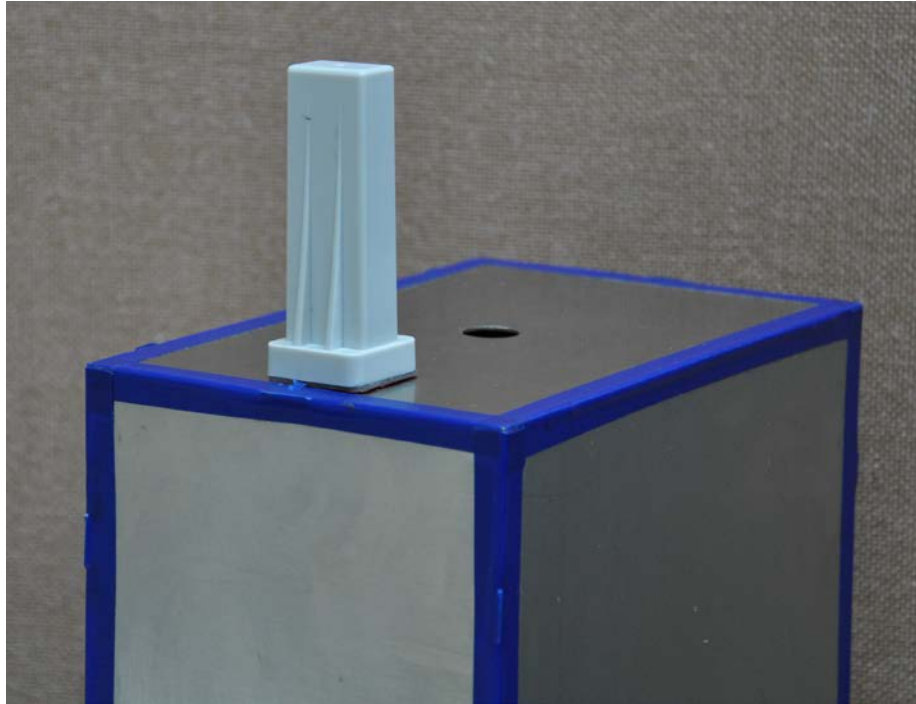
Mechanical / Environmental Properties

Antenna Dimensions	3.2" X 1.2" X 1.2" (81mm X 30mm X 30mm)
Antenna Color	Cool Grey
Connector	Type-N Female Jack with a Flat edge
Antenna Radome	ABS + Polycarbonate
Washer & other outer Metal Parts	Stainless Steel
Main Gasket covering the Base	1.5mm thick Black 3M Gasket
Connector Plating	Nickel + Chromium Alloy
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna (antenna itself and as mounted on top of a Metal Box)







VSWR of the Antenna (as installed on a Metal Box)

