

WPANT30150

2.4 GHz Wi-Fi Omni-directional Antenna



WPANT30150-S1A

Type-N Male connector

Note: Different connector style requests can be accommodated.

Application

4 dBi True Omni-directional antenna that can be used by any repeater system in the 2.4 GHz band in order to maximize the coverage radius. It has a perfect donut shaped 3D radiation pattern. The antenna is at DC ground to ensure protection against lightning.

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

Electrical Properties

Operating Frequency	2.4 – 2.5 GHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	3 to 4 dBi
Efficiency [%] (Typical)	80 %
Polarization	Linear (Vertical)
Pattern	Omni-directional
Lightning Protection	DC ground

Mechanical / Environmental Properties

Antenna Dimensions	8.6" Height x 2.72" Base Width (220mm x 70mm)
Antenna Color	Cool Grey
Antenna Radome	Polycarbonate + ABS
Metal Base	Anodized Aluminum
Operating / Storage Temperature	-40°C to +125°C
Environmental	Salt Spray resistant, Water Ingress resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant
Packaging	Meets ISTA2A standards

Picture



3D Radiation Pattern at 2400 MHz

