

WPANT30129

ISM Dual Band Vandal Resistant Antenna



WPANT30129-S1B

1 meter LMR100 with SMA Male Plug

Note: Different cable and connector style requests can be accommodated.

Application

Surface independent omni-directional antenna that is vandal-resistant (designed to survive IK10 rating). This can be mounted on metal surfaces as well, without any degradation in performance. The antenna utilizes rugged and fully sealed construction to help it survive hostile environments, including severe weather (designed to IP 65/66/67 ratings). It has a DC short for lightning protection.

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

Electrical Properties

Operating Frequency Bands	860 – 960 MHz	2400 – 2500 MHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω
VSWR (Typical)	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	2 dBi	3 dBi
Polarization	Linear	Linear
Pattern	Omni-directional	Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	8.5" Length X 2.76" Width X 1.42" Depth (215mm X 70mm X 36mm)
Antenna Color	Black
Antenna Radome	ABS + Polycarbonate
Metal Hex Nut	304 Stainless Steel
Plastic Hex Nuts	M12 X 1.5
Main Gasket covering the base	2.3mm thick Black Poron 4701-41
Operating / Storage Temperature	-40°C to +125°C
Environmental	Salt Spray Resistant, Water Ingress Resistant (IP65/66/67), UV resistant, Vandal Resistant Design (IK10 Compliant), Wind and Vibration resistant, Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant
Packaging	Meets ISTA 2A Standards

Picture (3D Model)

