

## 2J 2J0202-C115N Dual Band WiFi Terminal Antenna

Product Code

2J0202-C115N

Polarisation

Vertical (V)

Design Type

Monopole

Application Category

IoT/M2M

RF Category

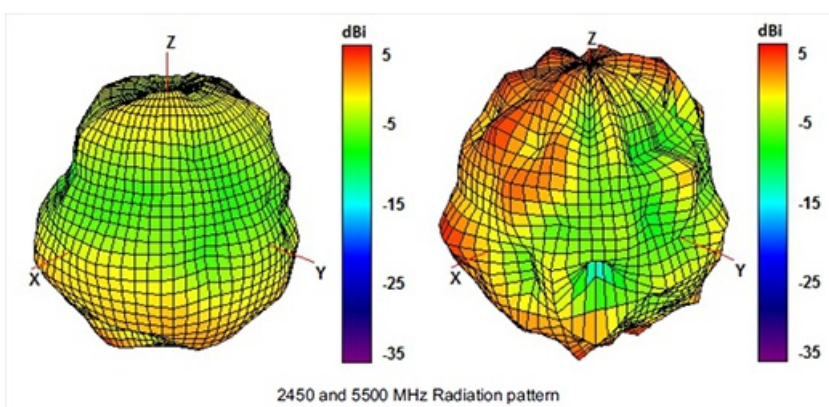
WiFi



The 2J0202-C115N dual band WiFi terminal mount antenna is a durable WiFi antenna with high efficiency and high gain across both 2.4 and 5 GHz WiFi bands. When mounted on a small groundplane to simulate attachment to a CPE device, the antenna has a stable radiation pattern and omnidirectional gain across all bands ensuring consistent and reliable reception and transmission.

- 2.4 and 5 GHz dual band WiFi antenna
- Compact high gain design
- Terminal mounted with RP-SMA Male connector
- Ground plane dependent

### ▼ Antenna Technical Data



### Physical Characteristics

Construction Material	ABS Plastic	RF Connections	1
Radome Colour	Other - Black	Environmental Rating	No Data
Dimensions	56 x 9.5 mm (H x $\varnothing$ )	Operating Temperature	-40 °C to 85 °C

## Physical Characteristics

Weight	No Data	Mounting	Terminal, attaches to RP-SMA Female
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### ▼ WiFi Monopole Element

#### Electrical Specifications

Input Impedance 50  $\Omega$

Polarisation **Vertical (V)**

Max. Input Power 25 W

PIM, 3rd Order -

#### Mechanical Specifications

Input Connector **RP-SMA**

Input Connector Gender Male

Cable Series -

Cable Length -

### ▼ Range: 2410 to 2490 MHz

Peak Gain 4.00 dBi

VSWR 1.6:1

Radiation Efficiency 60%

Front-to-Back Ratio -

Cross-Polar Discrimination -

Azimuth Beamwidth 360°

Elevation Beamwidth No Data

Electrical Tilt 0°

Inter-Port Isolation -

Cross-Polar Isolation -

### ▼ Range: 4920 to 5925 MHz

Peak Gain 5.20 dBi

VSWR 2.0:1

Radiation Efficiency 83%

Front-to-Back Ratio -

Cross-Polar Discrimination -

Azimuth Beamwidth 360°

Elevation Beamwidth No Data

Electrical Tilt 0°

Inter-Port Isolation -

Cross-Polar Isolation -

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