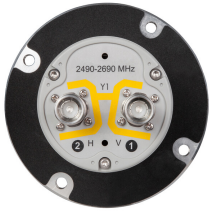


# LNx003U-V2

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H\V Pol Omni Antenna, 2490–2690 MHz, 360° horizontal beamwidth

## General Specifications

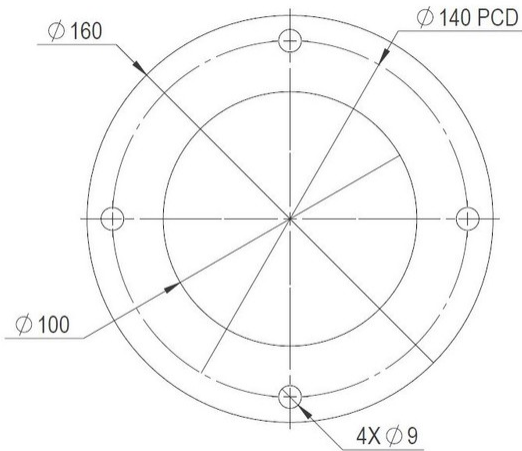
<b>Antenna Type</b>	Omni
<b>Band</b>	Single band
<b>Grounding Type</b>	RF connector body grounded to mounting interface
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	Fiberglass, UV resistant
<b>Radiator Material</b>	Brass
<b>RF Connector Interface</b>	4.3-10 Female
<b>RF Connector Location</b>	Bottom
<b>RF Connector Quantity, high band</b>	2
<b>RF Connector Quantity, total</b>	2

## Dimensions

<b>Length</b>	754 mm   29.685 in
<b>Net Weight, without mounting kit</b>	2.1 kg   4.63 lb
<b>Outer Diameter</b>	44 mm   1.732 in

## Mounting Hole Pattern

# LNx003U-V2



## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	2490 – 2690 MHz
<b>Polarization</b>	Horizontal   Vertical

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>2490–2690</b>
<b>Gain, dBi</b>	6.8
<b>Beamwidth, Horizontal, degrees</b>	360
<b>Beamwidth, Vertical, degrees</b>	19.8
<b>Beam Tilt, degrees</b>	0
<b>USLS, typical, dB</b>	10
<b>Isolation, Cross Polarization, dB</b>	30
<b>VSWR   Return loss, dB</b>	1.5   14.0
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-150
<b>Input Power per Port, maximum, watts</b>	100

## Electrical Specifications, BASTA

<b>Frequency Band, MHz</b>	<b>2490–2690</b>
<b>Gain by all Beam Tilts,</b>	6.5

# LNx003U-V2

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## average, dBi

**Gain by all Beam Tilts** ±0.8

**Tolerance, dB**

**Beamwidth, Vertical** ±4.1

**Tolerance, degrees**

## Mechanical Specifications

**Wind Loading @ Velocity, frontal** 33.0 N @ 150 km/h (7.4 lbf @ 150 km/h)

**Wind Speed, maximum** 241 km/h (150 mph)

## Packaging and Weights

**Width, packed** 255 mm | 10.039 in

**Depth, packed** 235 mm | 9.252 in

**Length, packed** 845 mm | 33.268 in

**Weight, gross** 4.2 kg | 9.259 lb

## Regulatory Compliance/Certifications

### Agency

CE  
ISO 9001:2015

### Classification

Compliant with the relevant CE product directives  
Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

**Performance Note** Severe environmental conditions may degrade optimum performance