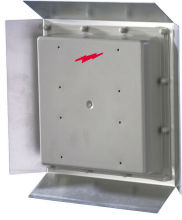


# QD-2402



1-port small cell antenna, 2400–2500 MHz, 27° HPBW, fixed electrical tilt

- Low profile antenna
- Small, light weight design provides an easy to install, cost effective solution
- Single piece radome provides long term mechanical stability
- Mounts to top of tower, pole, or building

## General Specifications

<b>Antenna Type</b>	Small Cell
<b>Band</b>	Single band
<b>Color</b>	Off-white
<b>Grounding Type</b>	RF connector inner conductor and body grounded to reflector and mounting bracket
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	ABS, UV resistant
<b>Radiator Material</b>	Aluminum
<b>RF Connector Interface</b>	N Female
<b>RF Connector Location</b>	Rear
<b>RF Connector Quantity, high band</b>	1
<b>RF Connector Quantity, total</b>	1

## Dimensions

<b>Width</b>	272 mm   10.709 in
<b>Length</b>	280 mm   11.024 in
<b>Net Weight, without mounting kit</b>	0.9 kg   1.984 lb

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	2400 – 2500 MHz
<b>Polarization</b>	Vertical

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>2400–2500</b>
<b>Gain, dBi</b>	16

# QD-2402

---

<b>Beamwidth, Horizontal, degrees</b>	27
<b>Beamwidth, Vertical, degrees</b>	27
<b>Beam Tilt, degrees</b>	0
<b>USLS, typical, dB</b>	17
<b>Front-to-Back Ratio at 180°, dB</b>	30
<b>VSWR   Return loss, dB</b>	1.5   14.0
<b>Input Power per Port, maximum, watts</b>	3

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

<b>Performance Note</b>	Severe environmental conditions may degrade optimum performance
-------------------------	---