

## 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

Antenna Type	Small Cell
Band	Single band
Color	Off-white
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	ABS, UV resistant
Radiator Material	Aluminum
RF Connector Interface	N Female
RF Connector Location	Rear
RF Connector Quantity, high band	1
RF Connector Quantity, total	1
Dimensions	
Width	272 mm   10.709 in
Length	280 mm   11.024 in
Net Weight, without mounting kit	0.9 kg   1.984 lb
Net Weight, without mounting kit Electrical Specifications	0.9 kg   1.984 lb
	0.9 kg   1.984 lb 50 ohm
Electrical Specifications	
Electrical Specifications	50 ohm
Electrical Specifications Impedance Operating Frequency Band	50 ohm 2400 – 2500 MHz

Frequency Band, MHz	2400-2500
Gain, dBi	16

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## QD-2402

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

## Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant
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* Footnotes	

Performance Note

Severe environmental conditions may degrade optimum performance

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