

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

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

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	2400 – 2500 MHz
Polarization	Vertical

Electrical Specifications

Frequency Band, MHz	2400–2500
Gain, dBi	16

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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



* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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