

# QO-2508x-Z7-2

Quasi-Omni Single Band MIMO AWS/PCS Small Cell Antenna



## Product Description

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Operating Frequency Band	1710-2170 MHz
Antenna Type	Small Cell
Band	Single Band

## Electrical Specifications

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<b>Frequency Range, MHz</b>	<b>1710-2170 MHz</b>
Gain, dBi	7.3 dBi +/- 2 dBi
Horizontal Beamwidth, degrees	Quasi Omni-directional
Vertical Beamwidth, degrees +/-1	17 +/- 1
VSWR, (typ/max)	2.0:1
PIM, dBc	< -150
Input Power per Port, watts (max)	200
Polarization	Slant +45° / -45°
Impedance, ohms	50

## Mechanical & Environmental Specifications

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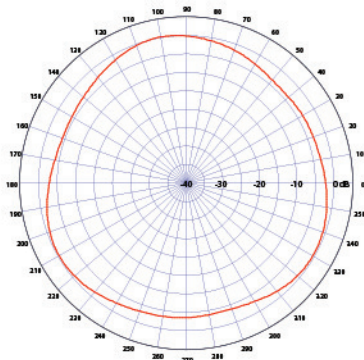
Dimensions, (Height x Diameter), in	25x8
RF Connector	2 x 4.3-10 (F); (7-16 DIN available)
Mounting	Top mount (Mounts over 3.0" OD post); (Side mount (Mounts to 1 3/4" - 3" OD post) available)
Weight, lbs	< 10
Radome Material	ABS
Color	Brown - Standard (Color Options Available)
Wind Survival, mph	120
Lightning Protection	Direct Ground



## Patterns

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**1710-2170 MHz**  
Azimuth Pattern



**1710-2170 MHz**  
Elevation Pattern

