

OQ-6002vx-W4U6-6

Multiband LAA 4x4 MIMO Omni C-RAN/Small Cell Antenna



Product Description

Operating Frequency Band	4 x 1695-2360 MHz, 2 x 5150-5925 MHz
Antenna Type	Small Cell
Band	Multiband

Electrical Specifications

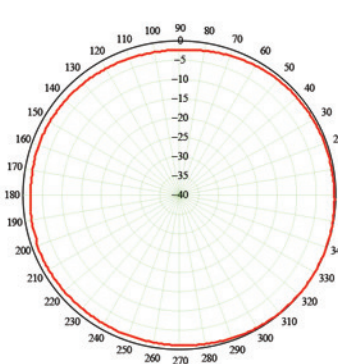
Frequency Range, MHz	1695-1850	1850-1990	2110-2360	5150-5925
Gain, dBi	4.3	5.1	4.9	5.0
Horizontal Beamwidth, degrees	360	360	360	360
Vertical Beamwidth, degrees +/-1	41	36	39	33
VSWR, (typ/ max)	1.5:1/ 1.7:1	1.5:1/ 1.7:1	1.5:1/ 1.7:1	1.5:1/ 1.7:1
PIM, dBc	< -150	< -150	< -150	
Input Power per Port, watts (max)	100	100	100	1
Polarization	Vertical	Vertical	Vertical	+/- 45°
Isolation, dB (typ)	> 19	> 19	>19	>19
Impedance, ohms	50	50	50	50

Mechanical & Environmental Specifications

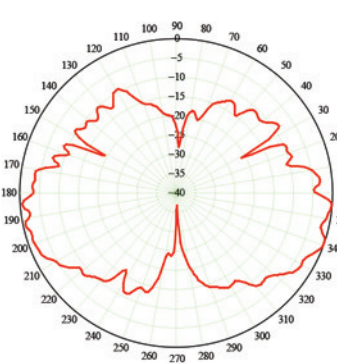
Dimensions, (Height x Diameter), in	60x2
RF Connector	6 x 4.3-10 (F); (7-16 DIN available)
Mounting	Top mount (Mounts over 3.0" OD post); (Side mount (Mounts to 1 3/4" - 3" OD post) available)
Weight, lbs	< 10
Radome Material	Fiberglass
Color	White - Standard (Color Options Available)
Wind Survival, mph	150
Lightning Protection	Direct Ground



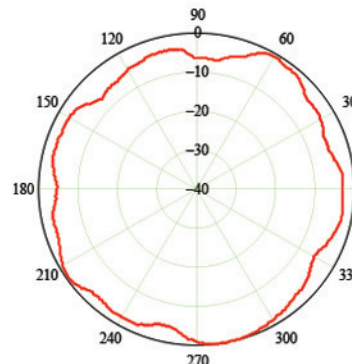
1695-2360 MHz
Azimuth Pattern



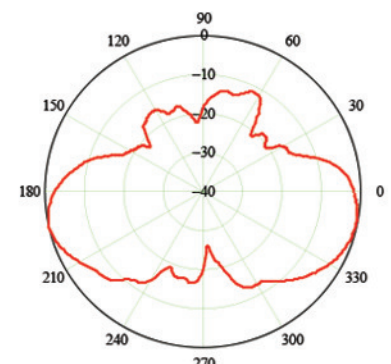
1695-2360 MHz
Elevation Pattern



5150-5925 MHz
Azimuth Pattern



5150-5925 MHz
Elevation Pattern



Note₁: FCC Title 47 part 15 for fixed outdoor point to multi-point. EIRP should be less than 21dBm for all elevation angles 30 degree above Horizon.
Note₂: Other fixed tilts are available.

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports may result in damage to this product. Phazar may make improvements to products without notice.