

O150-6002v-Z2W10-3

Omni Tri-band 150° MIMO C-RAN/ Small Cell Antenna



Product Description

Operating Frequency Band	2x1695-2360 MHz (150 deg); 1x1695-2180 MHz (Omni)
Antenna Type	Small Cell
Band	Tri-Band

Electrical Specifications

Frequency Range, MHz	1695-2360	1695-2180
Gain, dBi	10	2
Elevation 3 dB Beamwidth, degrees	19° +/- 5°	70°
Azimuth 3 dB Beamwidth, degrees	150° +/- 5°	360°
VSWR, (typ/max)	1.5:1 Max	1.7:1 Max
PIM, dBc	< -150	< -150
Input Power per Port, watts (max)	200	200
Polarization	Vertical	Omnidirectional
Isolation, dB	> 25	> 25
Impedance, ohms	50	50

Mechanical & Environmental Specifications

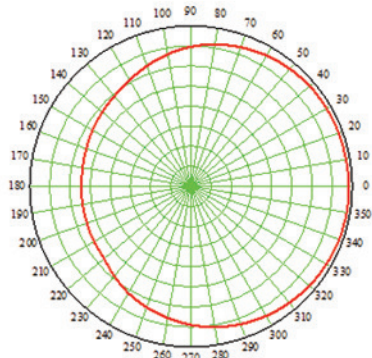
Dimensions, (Height x Diameter), in	60x2
RF Connector	3 x 4.3-10 (F); (7-16 DIN available)
Mounting	Top mount (Mounts over 3.0" OD post); (Side mount (Mounts to 1 3/4" - 3" OD post) available)
Weight, lbs	< 10
Radome Material	Polycarbonate
Color	White Standard (Color Options Available)
Wind Survival, mph	120
Lightning Protection	Direct Ground

Patterns



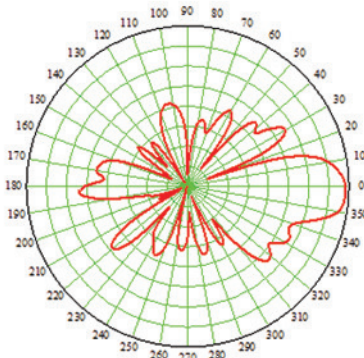
Azimuth Pattern

1695-2360 MHz



Elevation Pattern

1695-2360 MHz



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.