

Frequency Range	3300-3700
Polarization	±45°
Half-Power Beam Width	360°
Electrical Downtilt	0°

Type CAN2-1HX

## Omni Antenna

2-ports 3300-3700 MHz 360° 12.5 dBi, 0°Tilt Antenna.

### Electrical Specifications

Frequency Range(MHz)	3300-3700
Polarization	±45°
Horizontal Beamwidth(°)	360
Vertical Beamwidth(°)	8
Gain (dBi)	12.5
Electrical Downtilt(°)	0
VSWR	≤1.5
Isolation ports	≥20
Intermodulation IM3 (2×43dBm carrier)	< -150 dBc(2x43dBm carrier)
Impedance (Ω)	50
Max. Power per Input (at 50°C ambient temperature)	100
Lightning Protection	DC Ground

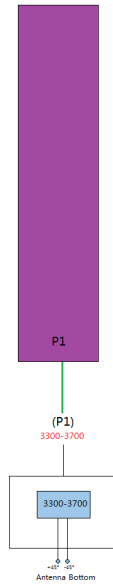


### Mechanical Specifications

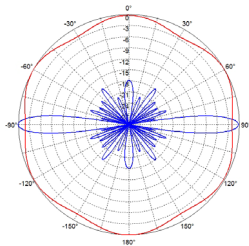
Radome Material	Fiberglass
Connector Type and Location	4.3-10x2, Bottom
Dimensions, HxWxD(mm)/(inches)	600 x Φ100 / 23.6×Φ3.9
Packing Size(mm)/(inches)	900 x 185 x 185 / 35.4 x 7.28 x 7.28
Weight, w/o Mounting kit(kg)/(lbs)	5/11
Weight, w/ Fixed Bracket (kg)/(lbs)	8/17.6
Packing Weight ( w/ Fixed Bracket ) (kg)/(lbs)	14/30.8
Max. Wind Velocity(mph)	150
IP Grade	IPX5
Radome color	Light Gray
Operating temperature (°C)	-40~70
Operational Humidity(%)	≤95%
Wind Load at 100mph(N)	66

Frequency Range	3300-3700
Polarization	$\pm 45^\circ$
Half-Power Beam Width	360°
Electrical Downtilt	0°

## COMPREHENSIVE TILT CONFIGURATION



## [Radiation Pattern]



**3300-3700MHz**  
(blue E-plane, red H-plane)