



# Multi-Band Omni Antenna

IOM-600-6000A

## SPECIFICATIONS

### Electrical

Ports	2 X Ports for 602-3800 MHz				
Frequency Range	602-617 MHz	698-960 MHz	1710-2700 MHz	3400-3800 MHz	4900-6000 MHz
Gain (Average)	2.0 dBi	2.0 dBi	4.0 dBi	4.0 dBi	4.0 dBi
Azimuth Beamwidth (-3 dB)	360°	360°	360°	360°	360°
Elevation Beamwidth (-3 dB)	90°	90°	85°	45°	40°
Port to Port Isolation (dB)	> 12	> 14	> 22	> 26	> 28
Voltage Standing Wave Ratio (VSWR)	< 2.8:1	< 1.8:1	< 1.5:1	< 1.5:1	< 1.8:1
Passive Intermodulation (2x20W)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
Input Power Continuous Wave (CW)	50 watts	50 watts	50 watts	50 watts	50 watts
Polarization	H Pol	H Pol	H Pol	H Pol	H Pol
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground	DC Ground

### Mechanical

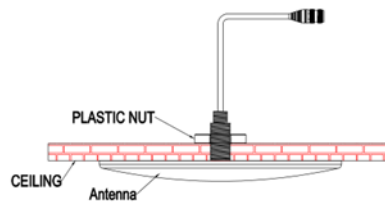
Front Isometric View



Dimensions (LxD)	11.8 × 1.0 inches (300 × 26 mm)
Equivalent Flat Plate Area	0.8 ft <sup>2</sup> (0.07 m <sup>2</sup> )
Weight*	1.0 lbs (460 g)
Connector (RF)	2 × 4.3-10 Female
Mounting	Ceiling
Radome Color	White

\*Does not include weight of Mounting Kit

Installation Diagram



### Typical Antenna Patterns

