



# Multi-Band Omni Antenna

IOS-600-3800A

## SPECIFICATIONS

### Electrical

Ports	1 X Ports for 602-3800 MHz			
	602-617 MHz	698-960 MHz	1710-2700 MHz	3400-3800 MHz
Frequency Range	602-617 MHz	698-960 MHz	1710-2700 MHz	3400-3800 MHz
Gain (Average)	2.0 dBi	2.0 dBi	4.0 dBi	4.0 dBi
Azimuth Beamwidth (-3dB)	360°	360°	360°	360°
Voltage Standing Wave Ratio (VSWR)	< 2.2:1	< 1.8:1	< 1.5:1	< 1.5:1
Passive Intermodulation (2x20W)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
Input Power Continuous Wave (CW)	50 watts	50 watts	50 watts	50 watts
Polarization	H Pol	H Pol	H Pol	H Pol
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground

### Mechanical

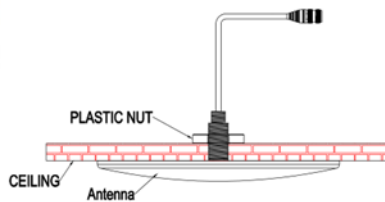
Front Isometric View



Dimensions (LxD)	8.4 × 0.7 inches (213 × 18.5 mm)
Equivalent Flat Plate Area	0.4 ft <sup>2</sup> (0.04 m <sup>2</sup> )
Weight*	0.6 lbs (260 g)
Connector (RF)	1 × 4.3-10 Female
Mounting	Ceiling
Radome Color	White

\*Does not include weight of Mounting Kit

Installation Diagram



Typical Antenna Patterns

