



Multi-Band Panel Antenna

IPM-700-3800A

SPECIFICATIONS

Electrical

Ports	2 X Ports for 698-3800 MHz			
	698-806 MHz	806-960 MHz	1710-2700 MHz	3400-3800 MHz
Frequency Range	698-806 MHz	806-960 MHz	1710-2700 MHz	3400-3800 MHz
Gain (Average)	4.0 dBi	4.0 dBi	5.0 dBi	6.0 dBi
Azimuth Beamwidth (-3dB)	100°	100°	80°	80°
Elevation Beamwidth (-3dB)	90°	90°	60°	60°
Port to Port Isolations (dB)	> 18 dB	> 18 dB	> 20 dB	> 20 dB
Front to Back	< -8 dB	< -8 dB	< -10 dB	< -10 dB
Voltage Standing Wave Ratio (VSWR)	< 1.8:1	< 1.5:1	< 1.8:1	< 1.8:1
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	+/- 45°	+/- 45°	+/- 45°	+/- 45°
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) 8.1 x 7.0 x 1.8 inches (207 x 177 x 45 mm)

Equivalent Flat Plate Area 0.5 ft² (0.04 m²)

Weight* 1.0 lbs (450 g)

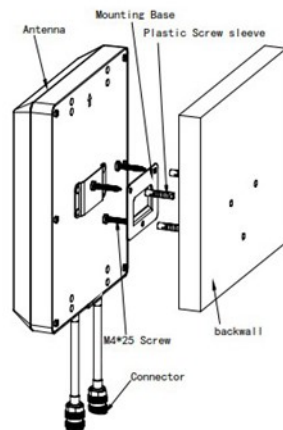
Connector (RF) 2 x 4.3-10 Female

Mounting Wall

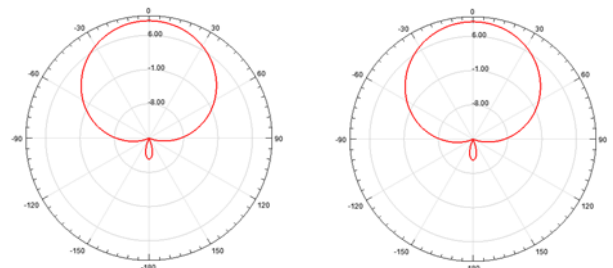
Radome Color White

**Does not include weight of Mounting Kit*

Installation Diagram



Typical Antenna Patterns



H-Plane

E-Plane