



Multi-Band Panel Antenna

IPS-700-3800A

SPECIFICATIONS

Electrical

Ports	1 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)	5.0 dBi	5.0 dBi	7.0 dBi	7.0 dBi
Azimuth Beamwidth (-3dB)	90°	90°	70°	70°
Elevation Beamwidth (-3dB)	80°	80°	50°	50°
Front to Back	< -10 dB	< -10 dB	< -12 dB	< -12 dB
Voltage Standing Wave Ratio (VSWR)	< 1.8:1	< 1.5:1	< 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	V Pol	V Pol	V Pol	V Pol
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground

Mechanical

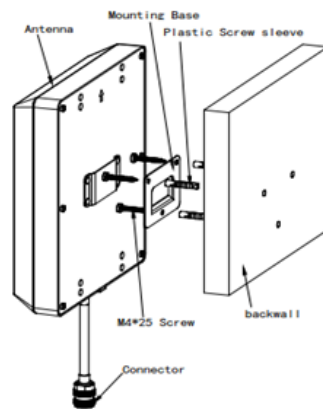
Front Isometric View



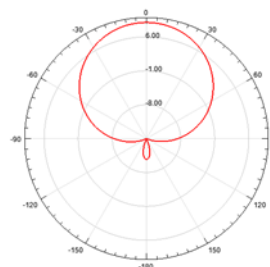
Dimensions (LxD)	6.5 × 6.1 × 1.9 inches (165 × 155 × 48 mm)
Equivalent Flat Plate Area	0.3 ft ² (0.03 m ²)
Weight*	0.9 lbs (0.4 kg)
Connector (RF)	1 × 4.3-10 Female
Mounting	Wall
Radome Color	White

*Does not include weight of Mounting Kit

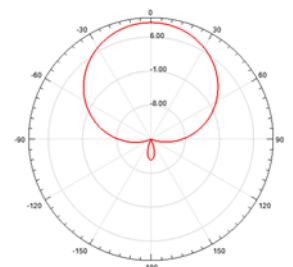
Installation Diagram



Typical Antenna Patterns



H-Plane



E-Plane