

Mini 2x2 MIMO Indoor/Outdoor Directional Panel Antenna [617-960, 1695-2690 & 3300-4200 MHz]

GI1002-07234

Description:

- Directional 2x2 MIMO antenna for DAS & Venue applications
- Dual-polarized design covering 600 MHz/LTE/CELL850/GSM900, AWS/PCS/WCS/BRS and 3300-4200 MHz band frequencies
- Bottom exit pigtails with 2 x 4.3-10(F) connectors
- Includes wall mounting bracket, optional 2-axis swivel bracket



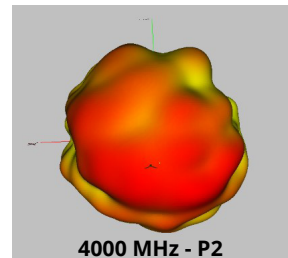
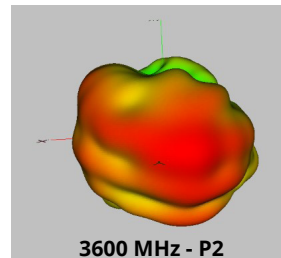
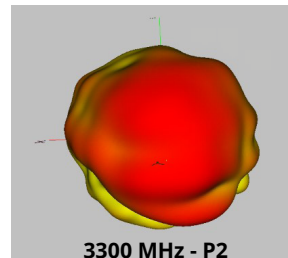
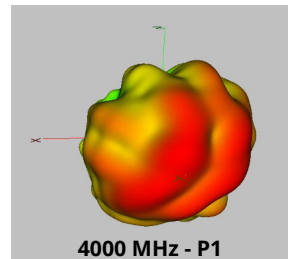
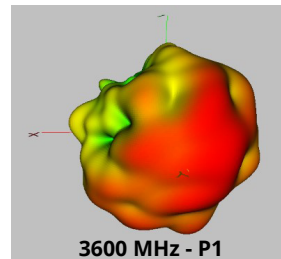
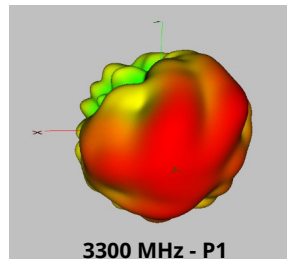
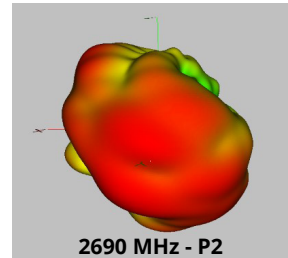
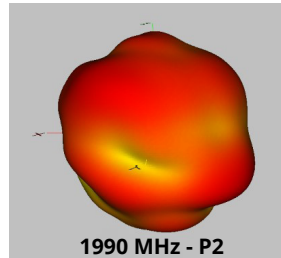
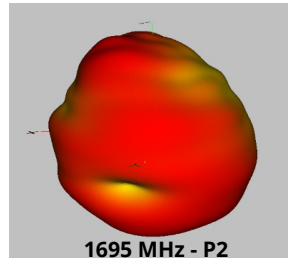
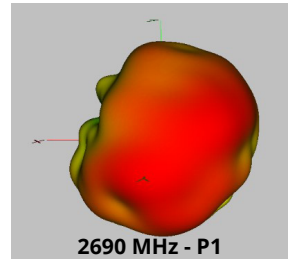
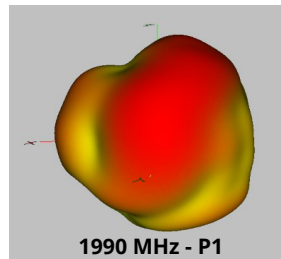
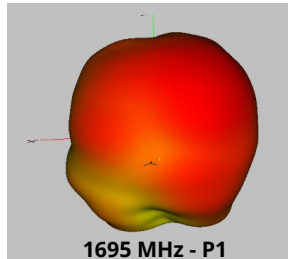
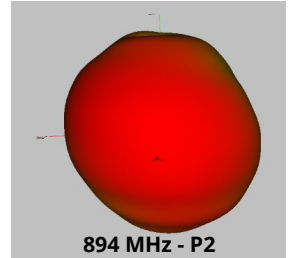
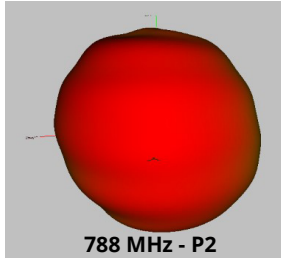
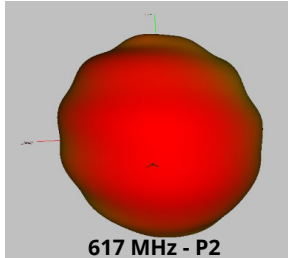
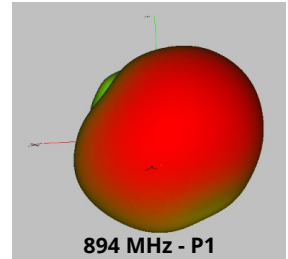
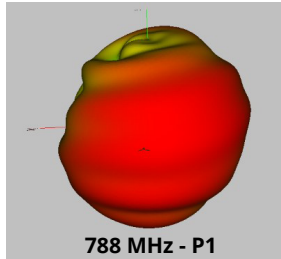
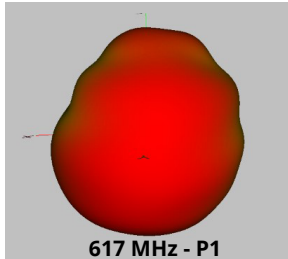
Electrical Specifications

Frequency Band [MHz]	617-698	698-896	896-960	1695-2200	2305-2360	2350-2400	2496-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	2 x 4.3-10(F) w/ pigtails (12", 30cm) - Bottom Exit									
Isolation (dB)	15			18				23		
VSWR / RL (dB)	1.67:1 / 12.0	1.5:1 / 14.0	1.67:1 / 12.0	1.5:1 / 14.0	1.67:1 / 12.0			1.5:1 / 14.0		
Impedance (Ω)	50									
Polarization (°)	Dual Slant 45 (±45)									
Horizontal Beamwidth(°)	82	95	96	85	65	64	83	60	44	52
Vertical Beamwidth (°)	87	82	96	80	85	88	63	60	47	56
Gain (dBi, max.)	6.3	6.9	6.6	6.5	5.7	5.6	7.3	7.8	8.4	8.4
Gain (dBi, avg.)	5.6	5.8	5.3	4.3	5.4	5.3	6.4	6.9	8.0	7.2
Front-to-Back Ratio (dB)	23	20	18	17	22	22	24	27	26	24
Downtilt (°)	0 FET									
Max Power / Port (Watt)	50									
PIM @ 2x43 dBm (dBc)	-153							-145		

Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	2.5 lbs (1.14 kg)
Mounting Bracket Weight (62-29-03, Optional)	1.3 lbs (0.60 kg)
Antenna Dimension (HxWxD)	10.2" (259 mm) x 8.0" (203 mm) x 3.9" (100 mm)
Radome Material & Color	ASA, White
Pigtail	Plenum Rated
RoHS	Compliant
Environmental Rating	Indoor / Outdoor

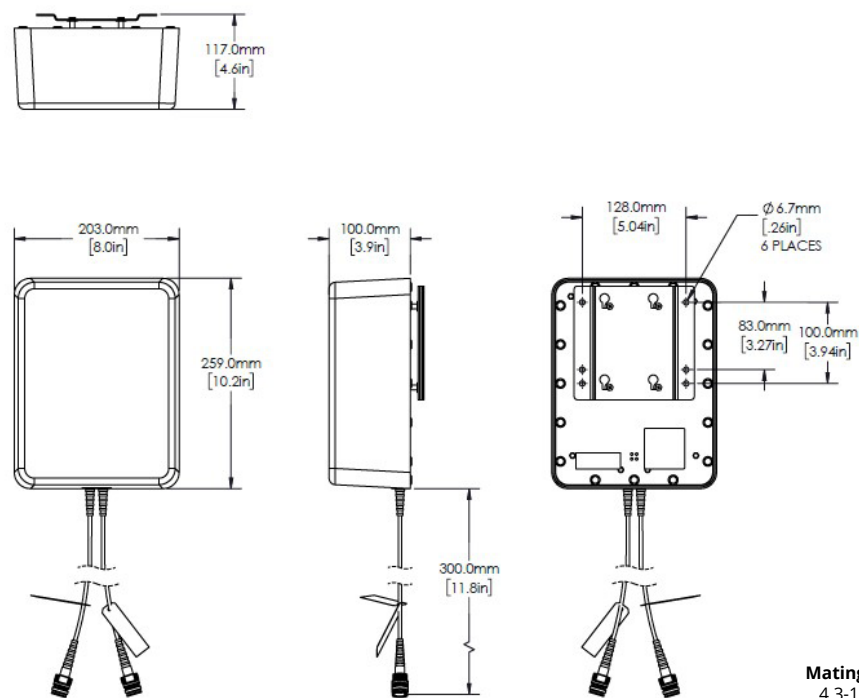
3D Antenna Patterns



3D Pattern Note:

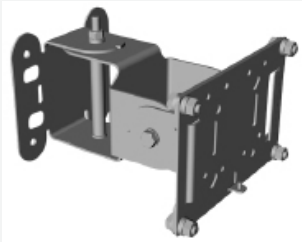
3D images above denote Z-axis (green) pointed towards ceiling and Y-axis pointing towards front of antenna, which corresponds to 0° in pattern files.

Antenna Outline



Mating Connector Torque:
4.3-10: 3.7 ft-lb (5 Nm)

Part Numbers & Ordering Options			
Description	Color	Mounting Kit	Part Number
Mini Indoor/Outdoor Directional Panel Antenna w/2 x 4.3/10(F) Bottom Mount Pigtails	White	Including Wall Mount Bracket	GI1002-07234-112

Part Number, Ordering Options and Accessories	
Description	Part Number
Mounting Plate Installation [Included] Attach the mounting plate to the wall. Slide the antenna onto the mounting plate and secure with locking screw.	
Swivel Mounting Bracket [Optional] The swivel mounting bracket allows the antenna to be articulated +/- 45° in both the horizontal and vertical plane. The bracket can be mounted on a pole or on a wall.	 62-29-03

RFD#: 7235; Revision: R5; Release Date: November 21, 2025;