

Wall/Panel Mount MIMO Antenna [617-960MHz, 1695-2690MHz and 3300-4200MHz]

PEAR™ GI1304-06847

Description:

- Directional MIMO antenna for indoor/outdoor DAS & high capacity venues.
- Dual polarized beams covering Low, Mid, High and CBRS bands.
- 2x ports for 617-960 and 1695-2690 MHz
- 2x ports for 3300-4200 MHz



617-960MHz, 1695-2690MHz and 3300-4200MHz,
Directional Panel Antenna

Electrical Specifications

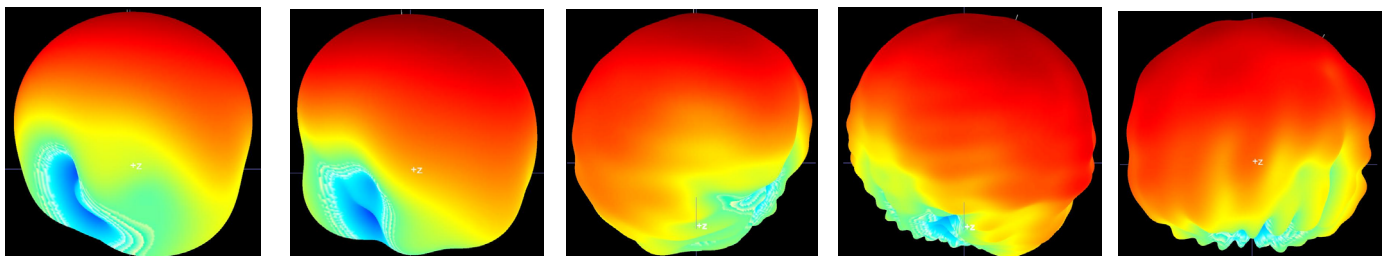
Frequency Band [MHz]	617-698	698-806	806-960	1695-2200	2300-2690	3300-4200
Input Connector Type	2x 4.3-10 (F) w/ Pigtailed (17"/43.2cm)					2x 4.3-10 (F) w/ Pigtailed (17"/43.2cm)
VSWR (Max.) /RL (Min.)	1.7:1/12 dB					
Impedance	50 Ω					
Polarization	Dual Slant 45° (±45°)					
Isolation (Min.)	17 dB			20 dB		
Horizontal Beamwidth	82°	75°	73°	71°	73°	64°
Vertical Beamwidth	70°	68°	69°	63°	66°	54°
Gain (Max.)	7.8 dBi	8.1 dBi	7.4 dBi	7.5 dBi	7.0 dBi	8.5 dBi
Gain (Avg.)	6.8 dBi	6.9 dBi	6.4 dBi	6.9 dBi	6.5 dBi	6.7 dBi
Downtilt	0° Fixed					
Front-to-Back Ratio, 180°	28 dB	29 dB	27 dB	33 dB	32 dB	35 dB
Max Power / Port	100W					50W
PIM @ 2x43 dBm	N/A	<-153 dBc				N/A

Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	4.6 lbs (2.1 kg)
Antenna Dimension (HxWxD)	13.8" (350 mm) x 13.2" (335 mm) x 5.0" (127 mm)
Radome Material	ASA
Wind Survival Rating	150 mph (241 km/h)
Radome Color	RAL 9016 (white)*
Ingress Protection	Indoor/Outdoor (IP65)

* Radome can be painted with recommended paint "Krylon fusion for plastic"

Antenna Patterns



640 MHz

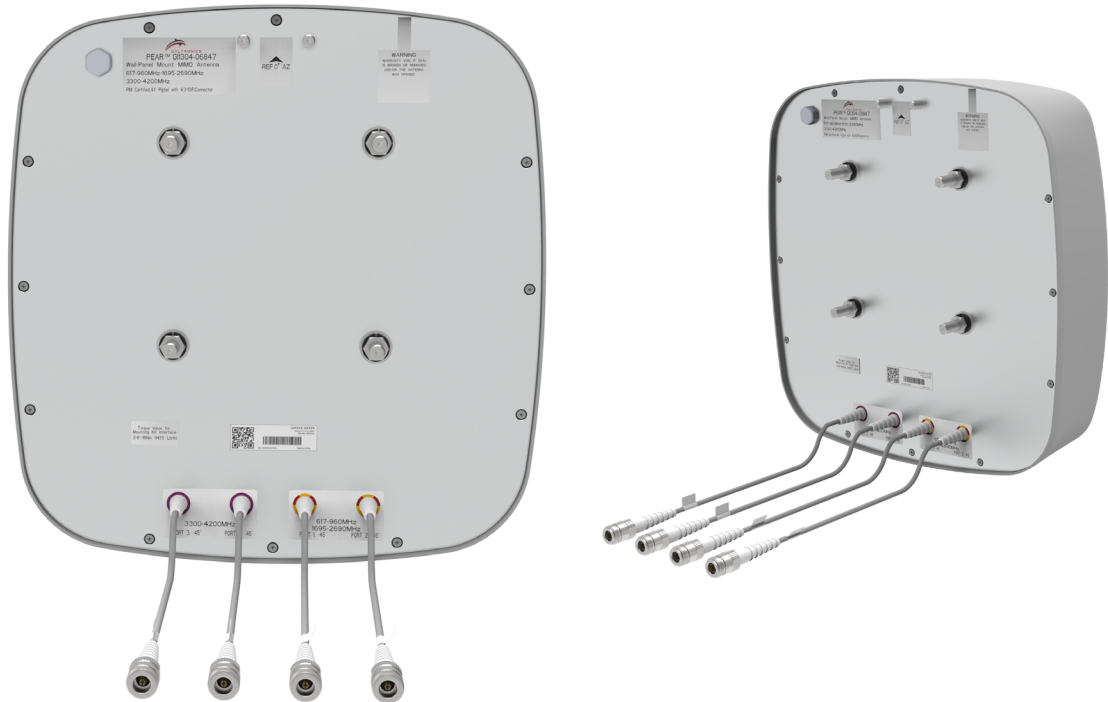
817 MHz

1740 MHz

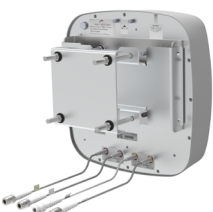

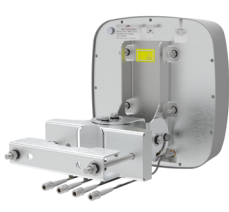
2513 MHz

3550 MHz

Back View and Port Labels



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 4x 4.3-10 (F) Connectors (Including MK-07305 Wall/Pole Mounting Bracket)	GI1304-06847-112
Mounting Bracket(s):	Part Number:
Heavy Duty Mounting Bracket (wind speed of 150 mph) [Included] This standard mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.	 MK-07305
1 or 2 Axis Pole/Wall Mounting Bracket (wind speed up to 170 mph) [Optional] The mounting bracket allows wall and pole mounting with flexible and continuous antenna adjustment in the horizontal and vertical plane.	 62-45-09
2 Axis Pole/Wall Mounting Bracket (150 mph) [Optional] Galtronics' mounting bracket offers an easy installation solution to mount Galtronics' stadium antennas to either a pole or a wall. When attaching the antenna to a wall please make sure to select appropriate fasteners (not included).	 62-28-09

Mating Connector Torque:

4.3-10: 3.7 ft-lb (5 Nm)