

4-Port Directional Panel Antenna [617-960, 1695-2690 & 3300-4200 MHz]

GP1404-07907

Description:

- Single-sector MIMO antenna for high capacity venues
- 2-Port directional dual-polarized antenna covering 617-960, 1695-2690 and 3300-4200 MHz
- 2-Port directional dual-polarized antenna covering 3300-4200 MHz



4-Port directional panel antenna covering 617-960, 1695-2690 & 3300-4200 MHz

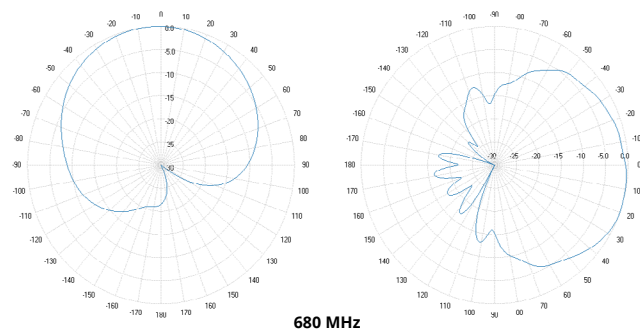
Electrical Specifications												
Frequency Band [MHz]	617-698	698-806	806-896	896-960	1695-1910	1930-2020	2110-2200	2305-2360	2360-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	2x 4.3-10 (F)											
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Isolation (typ.)	11	15			20					20		
VSWR/Return Loss (dB)	1.5:1 / 14.0											
Impedance (Ω)	50											
Polarization (°)	Dual slant 45°(±45)											
Horizontal Beamwidth (°)	88	85	70	74	63	53	79	57	51	57	56	51
Vertical Beamwidth (°)	78	73	73	65	61	61	69	71	55	55	49	48
Max. Gain (dBi)	7.7	7.9	8.2	7.8	8.2	8.0	7.7	7.7	8.6	9.3	9.7	9.7
Avg. Gain (dBi)	6.7	7.0	7.4	7.5	7.5	7.4	7.1	7.1	7.5	8.5	8.8	8.8
Front to Back Ratio (dB)	23	28	24	25	32	28	29	28	32	36	36	35
PIM @ 2x43 dBm (dBc)	-153									-145		
Max Power / Port (Watt)	150				125					70		
Max Total Power / Port (Watt)	150 (ambient temperature of 77° F/25° C)											

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	6.2 lbs (2.8 kg)
Antenna Dimension (Height x Width x Depth)	13.8" (350 mm) x 13.2" (335 mm) x 5.0" (128 mm)
Input Connector Type	4x 4.3 / 10 (F)
RoHs	Compliant
Radome Material	PC/ABS
Radome Color	RAL 9016 (white)*
Environment Rating	Outdoor

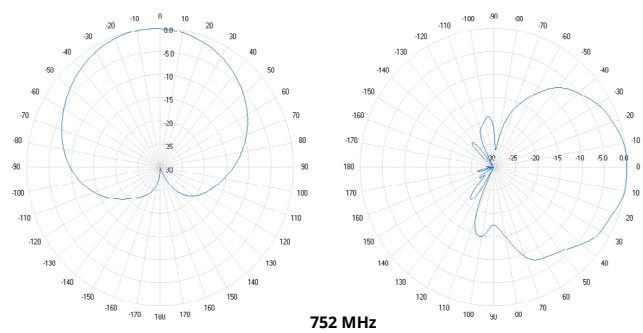
* Radome can be painted with recommended paint "Krylon fusion for plastic"

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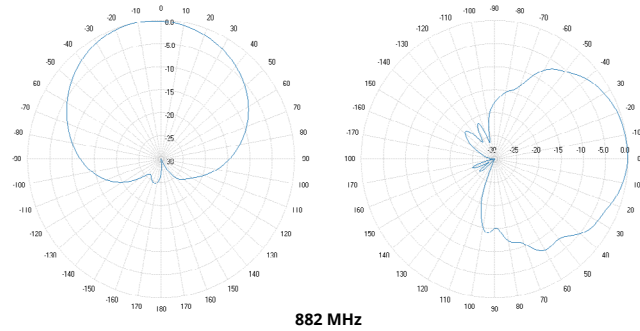
2D Antenna Patterns



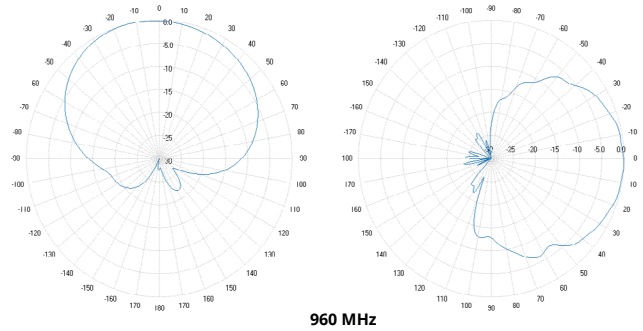
680 MHz



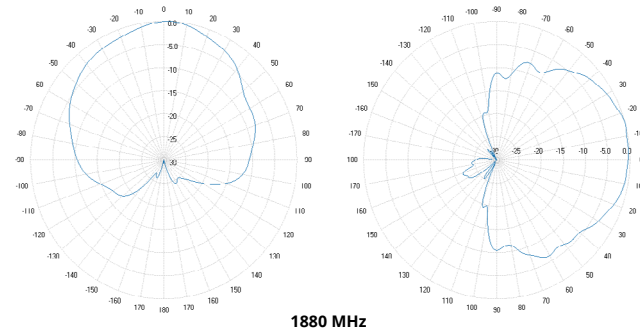
752 MHz



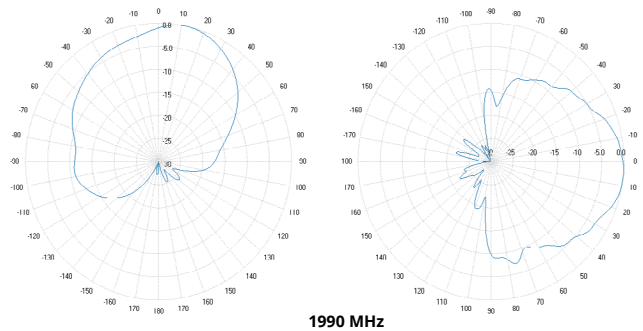
882 MHz



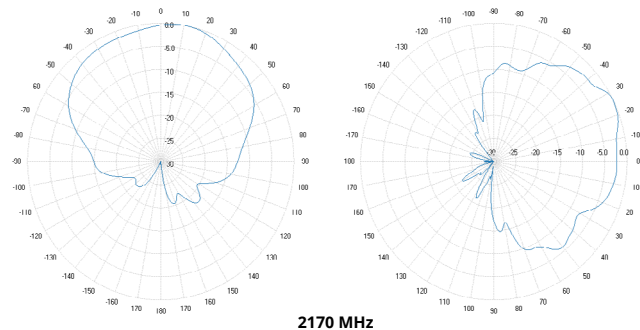
960 MHz



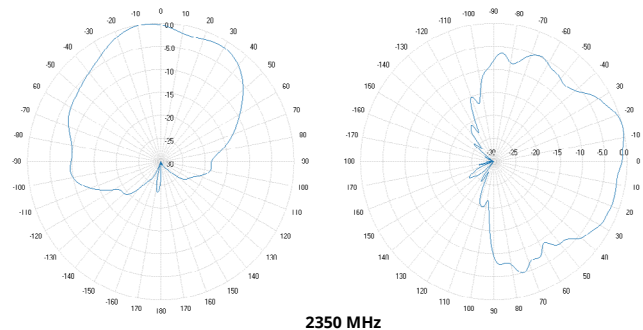
1880 MHz



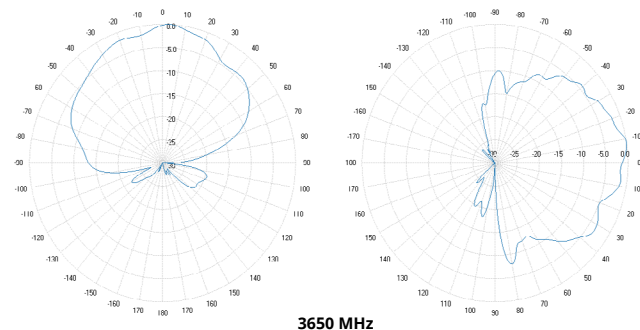
1990 MHz



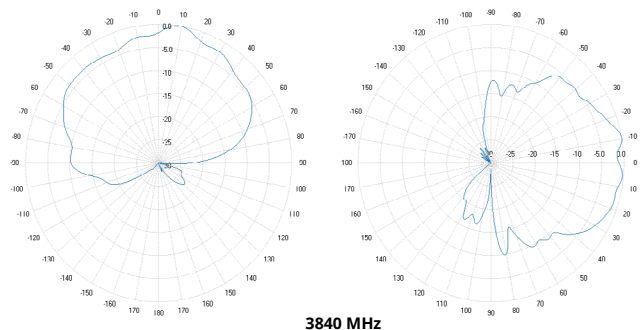
2170 MHz



2350 MHz

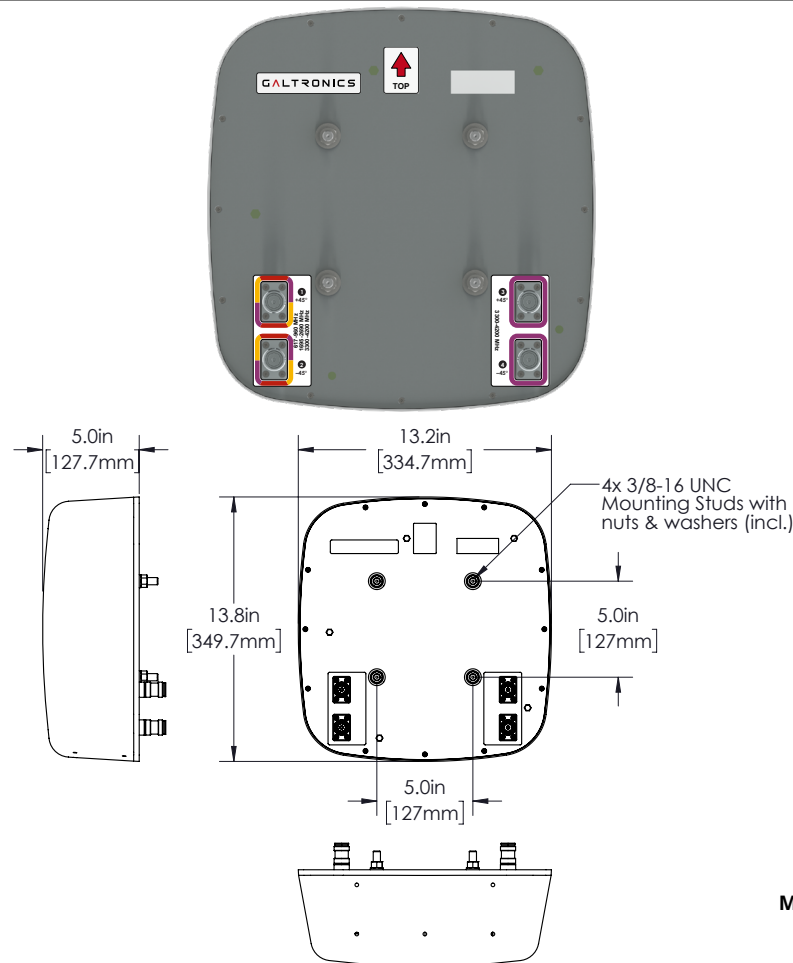


3650 MHz



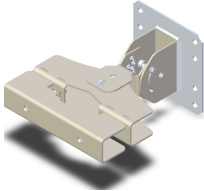
3840 MHz

Port Designation and Antenna Outline



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

Part Numbers & Ordering Options			
Description	Color	Mounting Kit	Part Number
4-Port Directional Panel Antenna covering 617-4200 MHz with 4x 4.3-10 (F) Connectors	White	Includes 62-45-09 Wall/Pole Mounting Bracket	GP1404-07907-112

Mounting Kit and Accessories Part Numbers	
Description:	Part Number:
Heavy Duty Mounting Bracket (150 mph) [Include] The mounting bracket allows wall and pole mounting with flexible and continuous antenna adjustment in the horizontal and vertical plane. Note: The 62-45-09 mounting bracket can also be ordered separately.	 62-45-09 (Included)
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 (Sold Separately)

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