

2' 14-Port 65° Directional Panel Antenna [1695-2690, 3300-4200 and 5150-5925 MHz]

GP2414-07326

Description:

- Single-sector 14-Port MIMO antenna for Small Cell, Stadium/Venue and Outdoor DAS applications.
- 65° beamwidth dual-polarized covering AWS/PCS/WCS/BRS, C-Band and U-NII Bands
- 8x ports for 1695-2690 MHz
- 4x ports for 3300-4200 MHz
- 2x ports for 5150-5925 MHz*
- Includes wall/pole mounting bracket



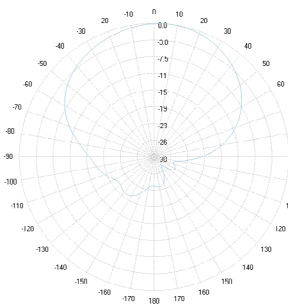
1695-2690, 3300-4200 and 5150-5925 MHz
14-Port 65° Directional Panel Antenna

*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Sub-part E

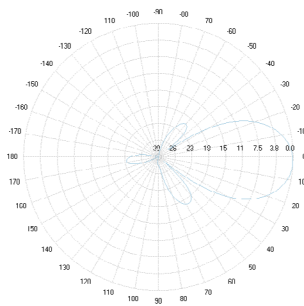
Electrical Specifications							
Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Input Connector Type	8x 4.3-10(F)			4x 4.3-10(F)			2x 4.3-10(F)
Isolation (min.)	20 dB			20 dB			25 dB
VSWR (max.) /RL (min.)	1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Horizontal Beamwidth	79°	77°	71°	57°	56°	66°	61°
Vertical Beamwidth	28.6°	24.3°	20.8°	27.8°	26.7°	25.1°	21.2°
Gain (max.)	11.9 dBi	12.3 dBi	12.7 dBi	12.7 dBi	12.9 dBi	13.0 dBi	5.0 dBi
Gain (avg.)	11.2 dBi	11.9 dBi	12.3 dBi	12.4 dBi	12.6 dBi	12.2 dBi	3.2 dBi
First Upper SLL (Co-Pol, avg.)	19 dB	21 dB	16 dB	24 dB	19 dB	18 dB	18 dB
Front-to-Back Ratio, 180° (avg.)	33 dB	34 dB	36 dB	40 dB	46 dB	43 dB	29 dB
Downtilt	0° FET						
Max Power / Port	100 Watts			100 Watts			1 Watt
PIM @ 2x43 dBm (max.)	-153 dBc			-145 dBc			N/A

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	13.5 lbs (6.1 kg)
Antenna Dimensions (Height x Width x Depth)	24.5" x 12.1" x 5.9" (622 mm x 308 mm x 149 mm)
Radome Material	ASA
Radome Color	Gray
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

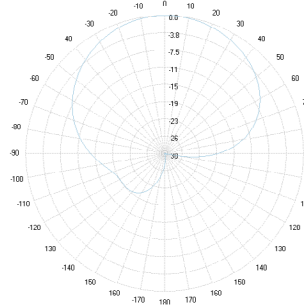
2D Antenna Patterns



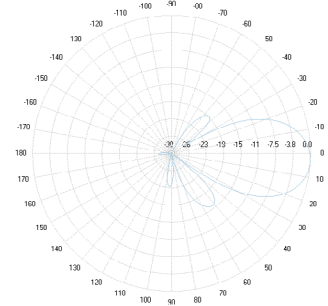
1780 MHz



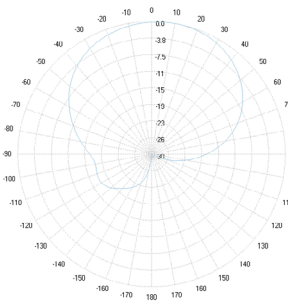
1880 MHz



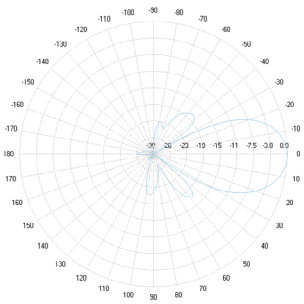
1950 MHz



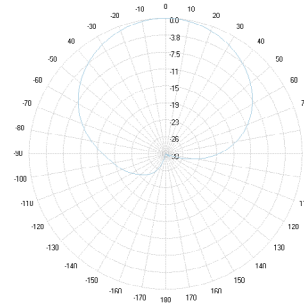
2500 MHz



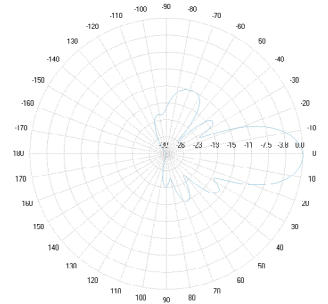
3400 MHz



3700 MHz



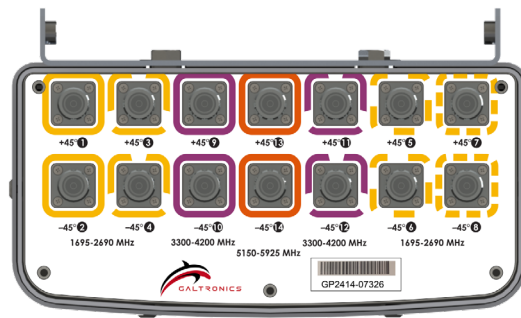
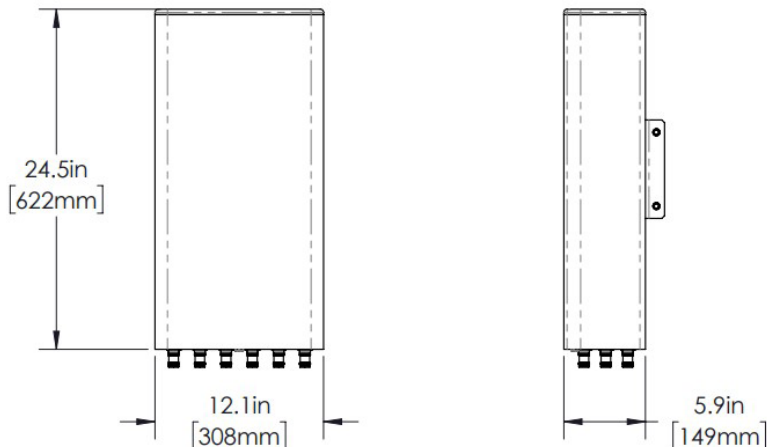
4000 MHz



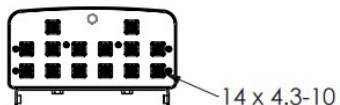
5250 MHz

RFD# 7326 ; Revision: R1 ; Release Date: July 09, 2021;

Mechanical Outline & Bottom Plate Labels



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



Part Numbers & Ordering Options

Description	Color	Mounting Kit	Part Number
14-Port 65° Directional Panel Antenna w/14x 4.3-10(F) Connectors	Gray	Including MK-06853 Wall/Pole Mounting Kit	GP2414-07326-1xx

Mounting Brackets & Optional Accessories

[Included] Heavy Duty Mounting Bracket
Wind speed of 150 mph

This standard mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.



MK-06853

[Optional] Heavy Duty Dual Axis Adjustable Mounting Bracket
Wind speed of 150 mph

This optional mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.



62-45-09