

2' 10-Port Multi-Band 65° Directional Panel Antenna [1695-2690, 3300-4200 and 5150-5925 MHz]

GP2410-B6636

Description:

- Single-sector 10-Port MIMO antenna for Small Cell, Stadium/Venue and Outdoor DAS applications.
- 65° beam width dual-polarized covering AWS/PCS/WCS/BRS, C-Band and UNII Bands.
- 4x ports for 1695-2690 MHz with Manual Electrical Tilt (MET)
- 4x ports for 3300-4200 MHz
- 2x ports for U-NII-1/-2/-3/-4 Bands 5150-5925 MHz*



10-Port 1695-2690, 3300-4200 and 5150-5925 MHz Directional Panel Antenna with Mounting Bracket

*Compliant to 789033 D02 General UNII 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.

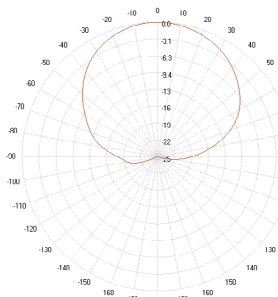
Electrical Specifications

Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Input Connector Type	4x 4.3-10(F)			4x 4.3-10(F)			2x 4.3-10(F)
Port-to-Port Isolation (min.)	20 dB						25 dB
VSWR (max.) /Return Loss (min.)	1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Horizontal Beamwidth	70°	62°	61°	68°	61°	64°	51°
Vertical Beamwidth	14.0°	11.9°	11.2°	20.1°	18.3°	16.8°	22.4°
Gain (max.)	14.5 dBi	14.9 dBi	15.1 dBi	13.4 dBi	13.6 dBi	13.8 dBi	5.0 dBi
Gain (avg.)	13.9 dBi	14.6 dBi	14.7 dBi	12.6 dBi	13.3 dBi	13.3 dBi	3.9 dBi
First Upper SLL (Co-Pol, avg.)	19 dB	19 dB	22 dB	20 dB	20 dB	20 dB	22 dB
Front-to-Back Ratio, 180° (min.)	30 dB	29 dB	32 dB	29 dB	33 dB	30 dB	25 dB
Downtilt	0° - 10° MET			0° Fixed			
Max Power / Port	100 Watts			100 Watts			1 Watt
PIM @ 2x43 dBm (max.)	-153 dBc			-145 dBc			N/A

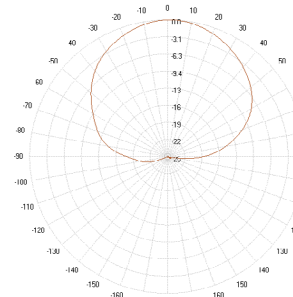
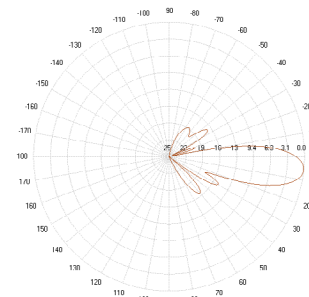
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	15 lbs (6.8 Kg)
Antenna Dimension (Height x Width x Depth)	(24.5" x 12.1" x 5.9") / (621.5 mm x 308 mm x 149 mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

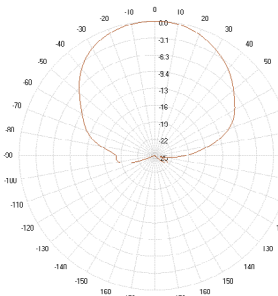
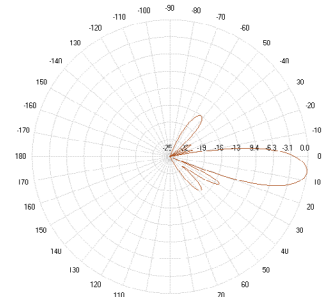
2D Antenna Patterns



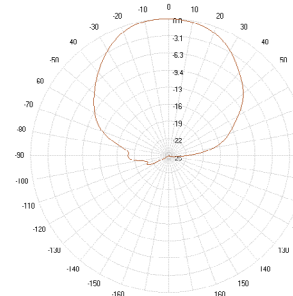
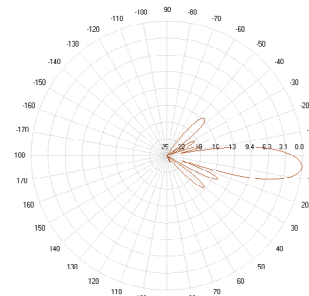
1770 MHz (@ 5° Downtilt)



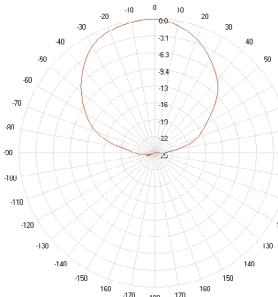
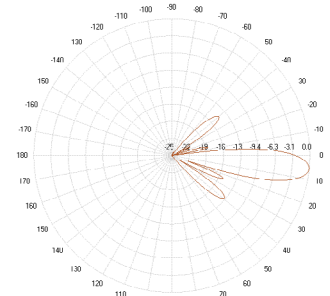
1880 MHz (@ 5° Downtilt)



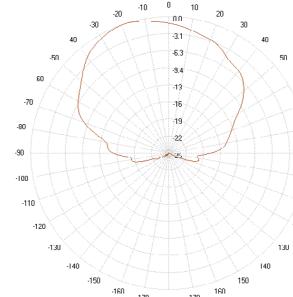
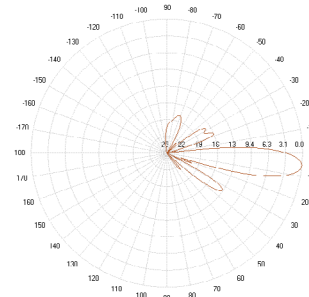
2170 MHz (@ 5° Downtilt)



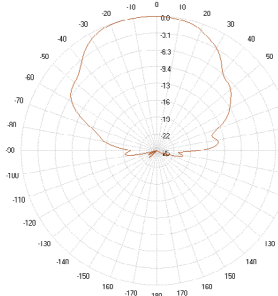
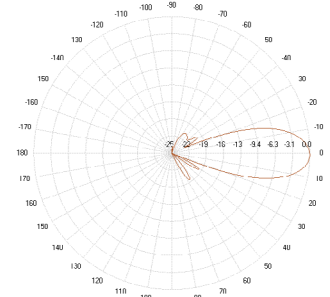
2335 MHz (@ 5° Downtilt)



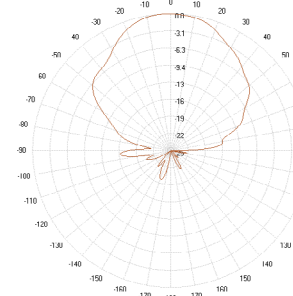
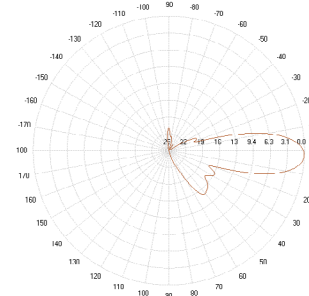
2675 MHz (@ 5° Downtilt)



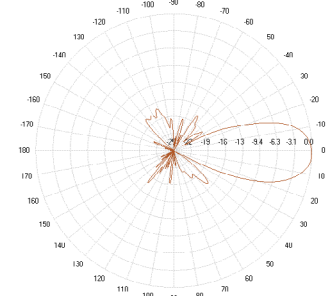
3550 MHz



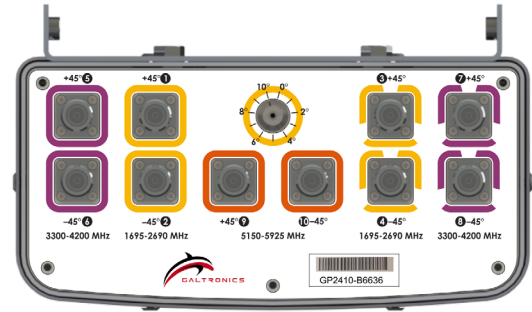
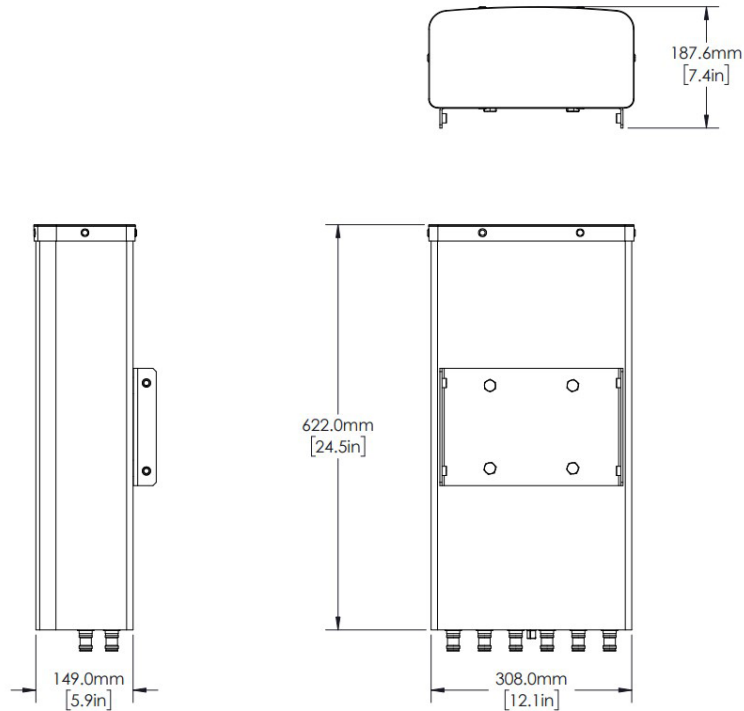
3920 MHz



5200 MHz



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
10-Port 65° Directional Panel Antenna with 0-10° MET and 4.3-10(F) Connectors	Gray	Including MK-06853 Wall/Pole Mounting Kit	GP2410-B6636-1xx

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

RFD#: B6636; Revision: R2; Release Date: July 16, 2021;