

30°/60° 10-Port Directional Panel Antenna [698-960, 1695-2690, 3300-4200 & 5150-5925 MHz]

GP2710-W7061

Description:

- Single-sector 10-Port MIMO antenna for high capacity stadium venue applications
- 30°/60° beam width dual-polarized covering LTE/CELL, AWS/PCS/ WCS/BRS, C-band and LAA / U-NII Bands.
- Low and 2x Mid band ports are internally diplexed.
- 2x ports for 698-960 and 1695-2690 MHz
- 2x ports for 1695-2690 MHz
- 4x ports for 3300-4200 MHz
- 2x ports for 5150-5925 MHz*



698-960, 1695-2690, 3300-4200 and 5150-5925 MHz
10-Port Directional Panel Antenna

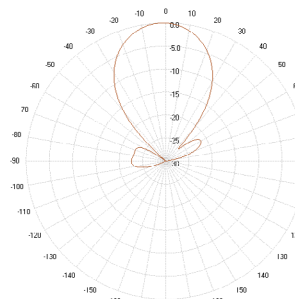
*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Sub-part E

Electrical Specifications										
Frequency Band [MHz]	698-806	806-896	896-960	1695-2200	2300-2400	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Port Designator	P1- P2						P5-P8			P9-P10
				P3-P4						
Port-to-Port Isolation (dB)	20									
VSWR (max.) /RL (dB)	1.5:1 / 14.0									
Impedance (Ω)	50									
Polarization (°)	Dual slant 45 (±45)									
Horizontal Beamwidth (°)	36	32	29	30	25	23	28	25	24	33
Vertical Beamwidth (°)	62	57	52	61	69	53	70	71	74	22
Gain (max., dBi)	11.5	11.7	11.6	12.6	11.9	12.3	12.3	12.6	12.6	5.5
Gain (avg., dBi)	10.9	11.3	11.2	11.3	11.3	11.3	11.8	11.9	11.6	4.6
Front-to-Back Ratio, 180° (dB)	35									
Max Power / Port (Watt)	100						100			1
PIM @ 2x 20W (dBc)	-153						-145			N/A

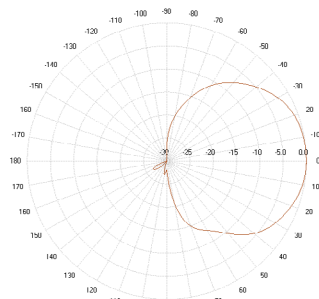
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	14.8 lbs (6.7 kg)
Antenna Dimension (Height x Width x Depth)	13.9" (353.5 mm) x 27.0" (685.5 mm) x 7.0" (178.9 mm)
Connector Type	10 x 4.3-10(F)
Radome Material	ASA
Radome Color	Gray
Environment Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

RFD#: W7061 ; Revision: R1 ; Release Date: October 04, 2024;

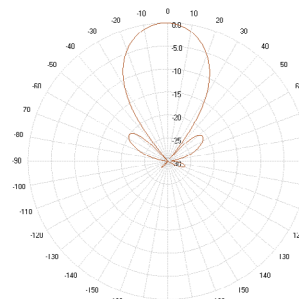
2D Antenna Pattern



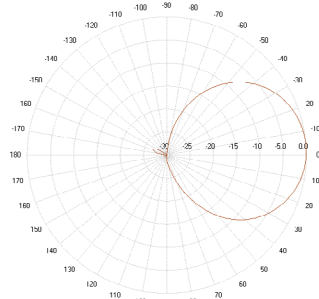
752 MHz



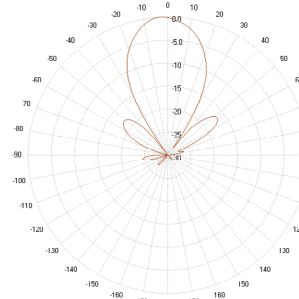
851 MHz



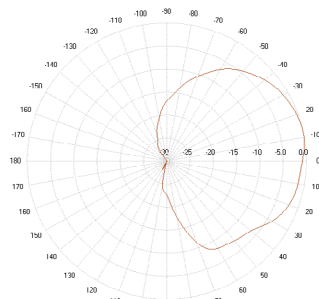
925 MHz



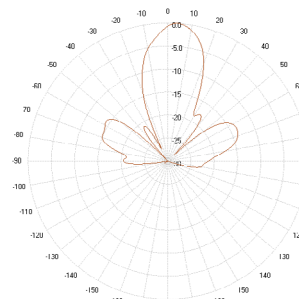
1950 MHz



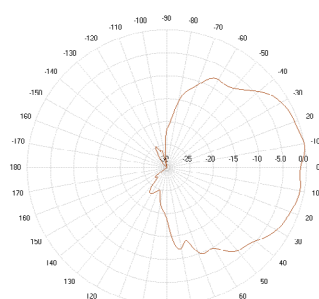
2360 MHz



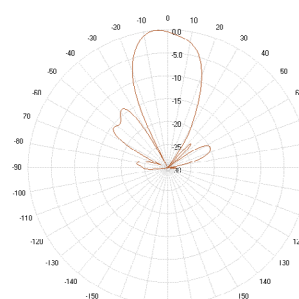
2599 MHz



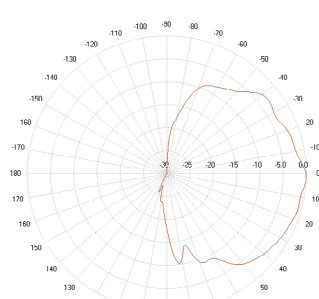
3450 MHz



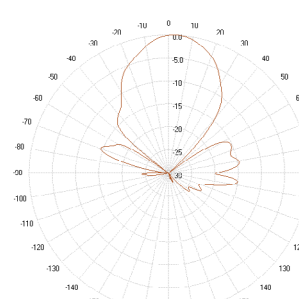
3650 MHz



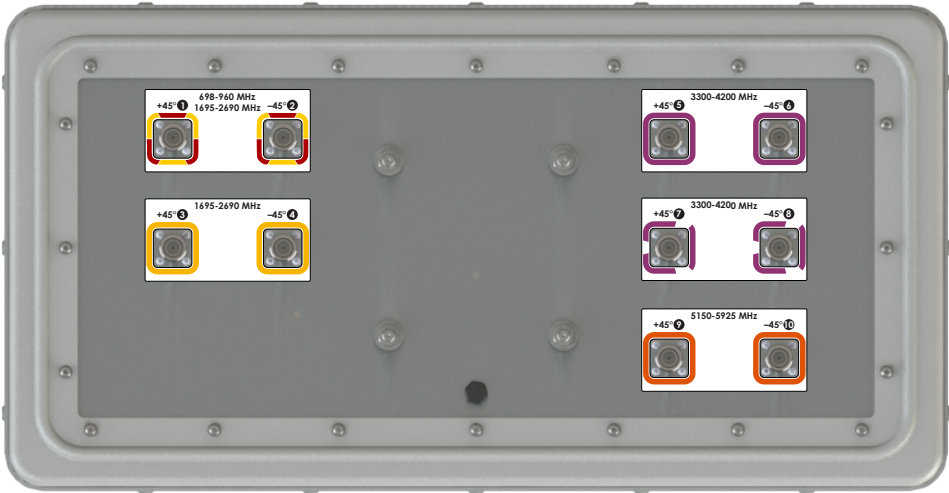
3940 MHz



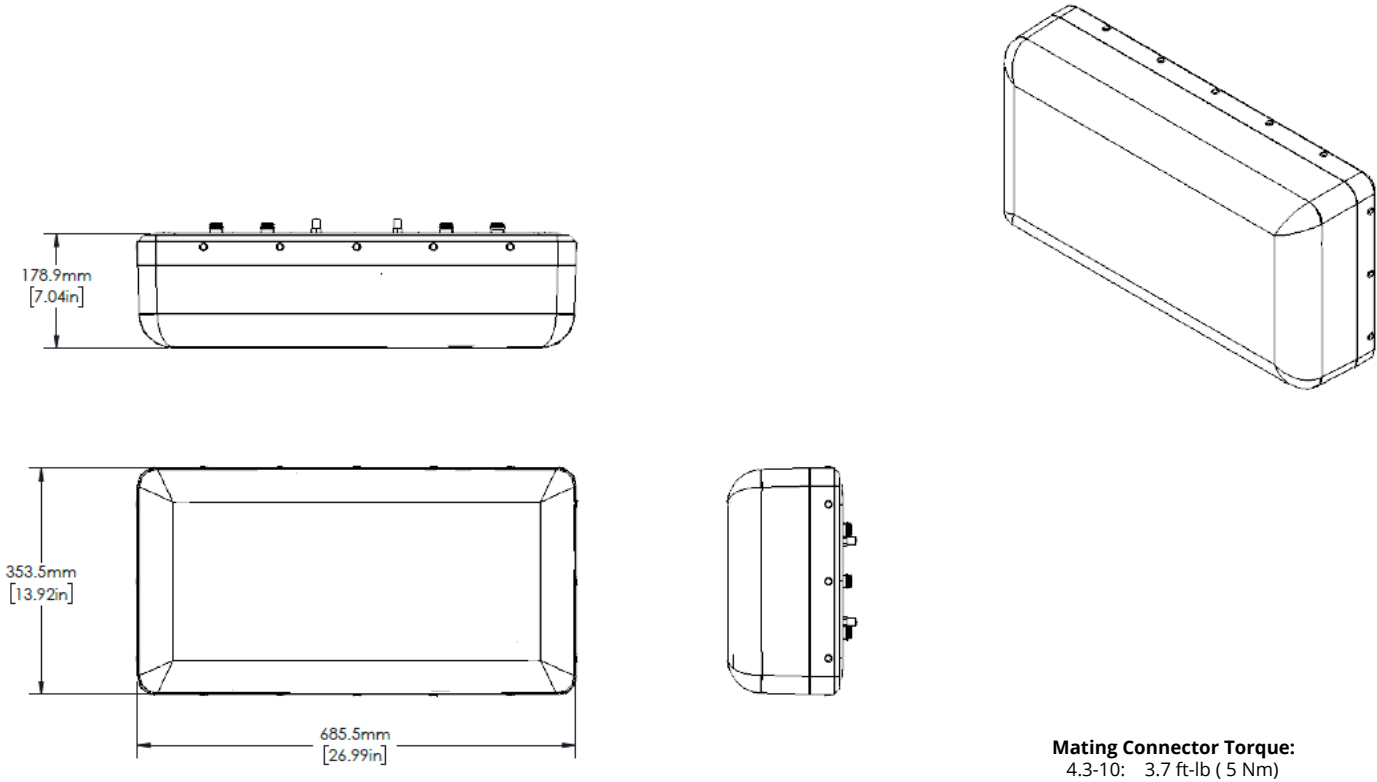
5675 MHz



Bottom Plate with Port Labels

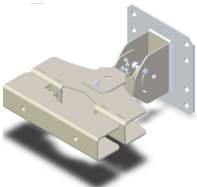


Antenna Outlines



RFD#: W7061 ; Revision: R1 ; Release Date: October 04, 2024;

Part Numbers & Ordering Options			
Description	Color	Mounting Kit	Part Number
30° x 60° 10-Port Pattern Directional Panel Antenna with 10x 4.3-10 (F) Connectors	Gray	Includes 62-45-09 mounting kit	GP2710-W7061-1R2

Mounting Brackets & Optional Accessories	
Description:	Part Number:
Heavy Duty Mounting Bracket (150 mph) [INCLUDED] The mounting bracket allows wall and pole mounting with flexible and continuous antenna adjustment in the horizontal and vertical plane. Note: 62-45-09 mounting kit can also be ordered separately	 62-45-09
Heavy Duty Mounting Bracket (150 mph) [OPTIONAL] This standard mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.	 MK-07305 (Sold Separately)