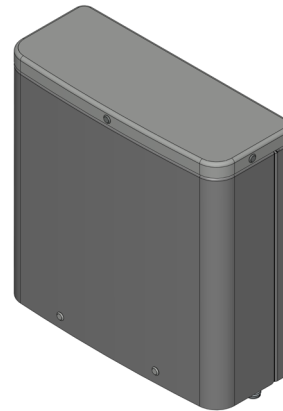


15" 10-port 65° Direction Panel antenna [698-896,1695-2690,3300-4200MHz]

GP1510-07890

Description:

- 10-Port MIMO directional panel antenna for Small Cell and DAS applications
- Dual-polarized design covering AWS/PCS/WCS/BRS and C Bands
- 2x ports for 698-896 MHz
- 4x ports for 1695-2690 MHz
- 4x ports for 3300-4200 MHz
- Includes wall/pole mounting bracket



698-896, 1695-2690, 3300-4200 MHz
10-Port 65° Directional Panel Antenna

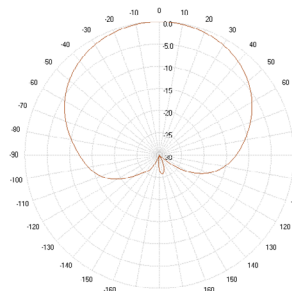
Electrical Specifications

Frequency Band [MHz]	698-806	806-896	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	2x 4.3-10(F)		4x 4.3-10(F)			4x 4.3-10(F)		
Isolation (dB)	20							
VSWR /Return Loss (dB)	1.5:1 / 14.0							
Impedance	50 Ω							
Polarization (°)	Dual slant 45 (±45)							
Horizontal Beamwidth (°)	84	87	68	73	76	66	70	70
Vertical Beamwidth (°)	53	44	23	19	18	19	17	16
Gain (dBi, max.)	8.9	9.3	12.6	12.6	13.5	13.2	13.0	13.0
Gain (dBi, avg.)	8.6	8.9	12.0	12.2	12.8	12.4	12.2	12.1
Downtilt (°)	0 Fixed							
Max Power / Port (Watt)	150		100			50		
PIM @ 2x43 dBm (dBc)	-153					-145		

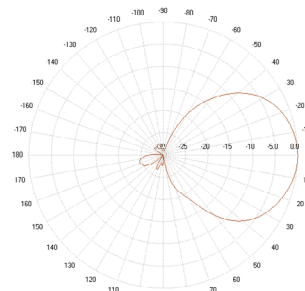
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	10 lbs (4.54 kg)
Antenna Dimensions (Height x Width x Depth)	15.0" x 14.96" x 7.24" (381.1 mm x 380.0 mm x 184.0 mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray
Environment Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

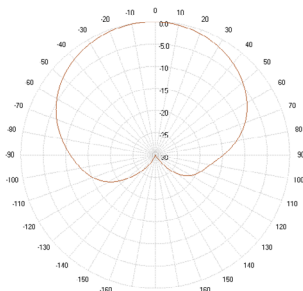
2D Antenna Patterns



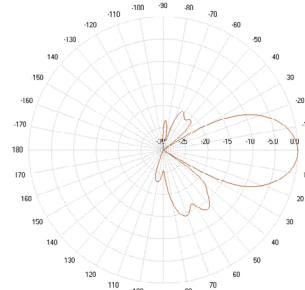
758 MHz



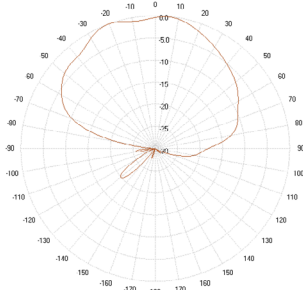
824 MHz



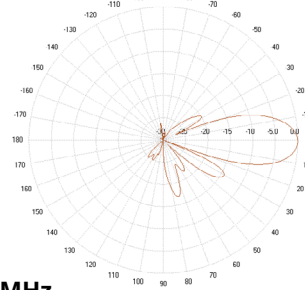
1695 MHz



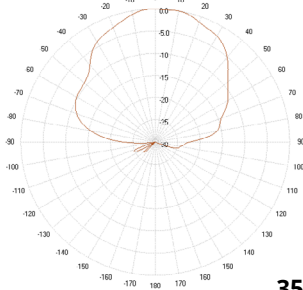
2360 MHz



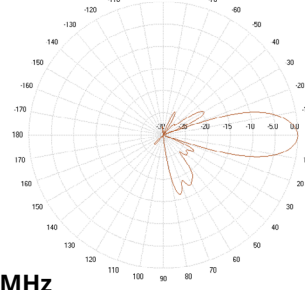
2496 MHz



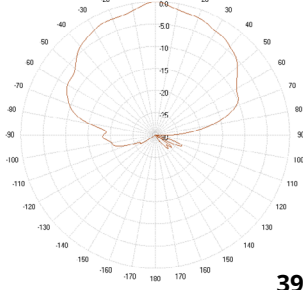
3500 MHz



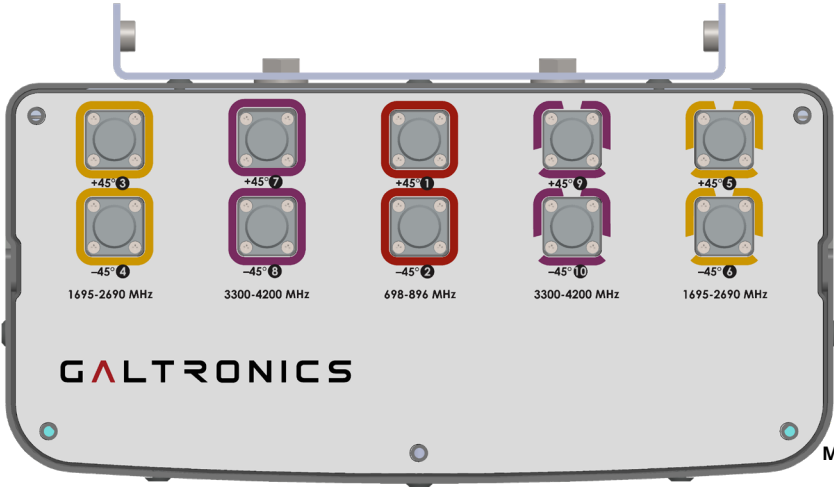
3650 MHz



3900 MHz

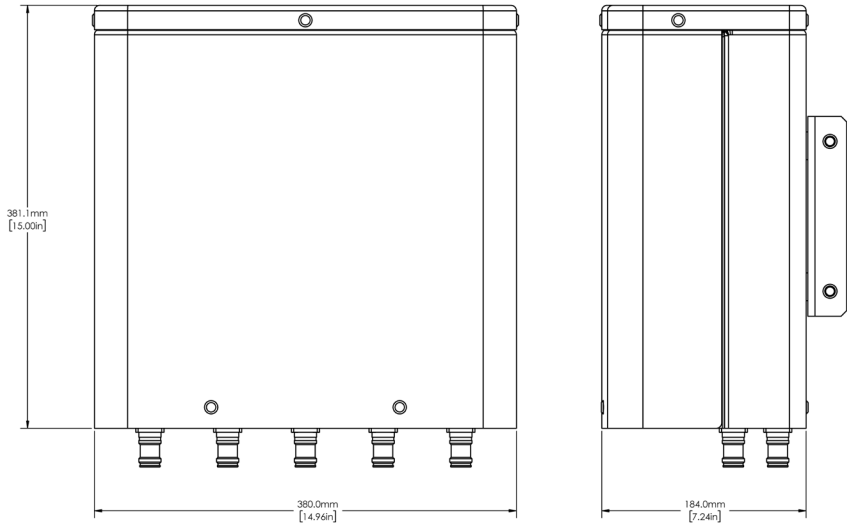


Bottom Plate & Port Designation Details



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

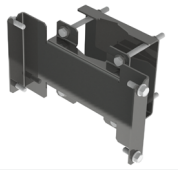
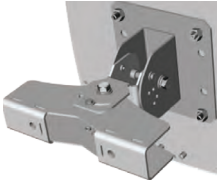
Antenna Outline



Part Numbers & Ordering Options

Description	Color	Mounting Kit	Part Number
10-Port Small Cell Directional Panel Antenna with 10x 4.3/10 Connectors	Gray	Including MK-06853 Wall/Pole Mounting Kit	GP1510-07890-112

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# 7890 ; Revision: R1 ; Release Date: October 11, 2023;