

2' 8-Port Quasi-Omni Canister Antenna [1695-2690 & 3300-4200 MHz]

GQ2408-08281

Description:

- Quasi-Omni Pattern Canister Antenna for Outdoor DAS and Small Cells
- 4x ports covering AWS/PCS/WCS/BRS bands (1695-2690 MHz)
- 4x ports covering CBRS/C bands (3300-4200 MHz)
- High gain in all frequency bands for coverage expansion
- CBRS/C bands gain enhancement for coverage alignment with Mid-band



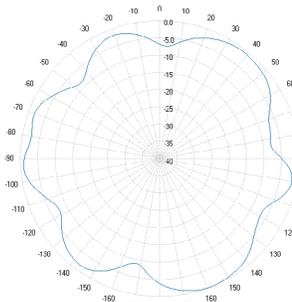
Electrical Specifications

Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	4x 4.3-10(F)			4x 4.3-10(F)		
Gain (max., dBi)	11.6	11.0	11.2	12.8	12.7	14.4
Gain (BASTA, dBi)	10.6 ± 0.6	10.6 ± 0.2	10.4 ± 0.5	12.0 ± 0.6	12.0 ± 0.6	12.1 ± 1.0
Horizontal Beamwidth (°)	Omni (360)					
Vertical Beamwidth (°)	14.8	12.3	11.6	8.7	8.2	7.8
Downtilt (°)	0 Fixed					
VSWR / RL (dB)	1.5:1 / 14.0					
Isolation (dB)	20	23		20	25	
Max Power / Port (Watt)	200			150		
Max Total Input Power (Watt)	1000					
PIM @ 2x43 dBm (dBc)	-153					
Polarization (°)	Dual slant 45 (±45)					
Impedance (Ω)	50					

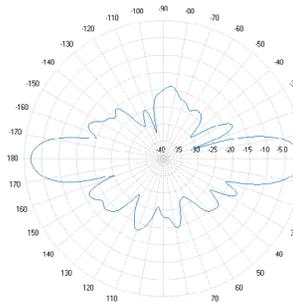
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	17.0 lbs (7.7 kg)
Antenna Bracket Weight (MK-06678 & MK-06679)	7.78 lbs (3.53 kg), 1x MK-06761 Bracket Per Antenna
Antenna Dimension (Diameter x Height)	10.0" (255.0 mm) x 23.5" (598.1mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Environment Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

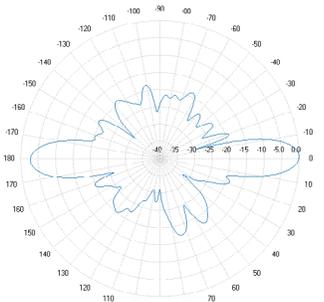
2D Antenna Patterns



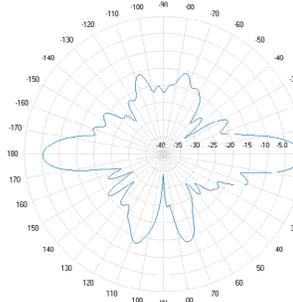
1770 MHz



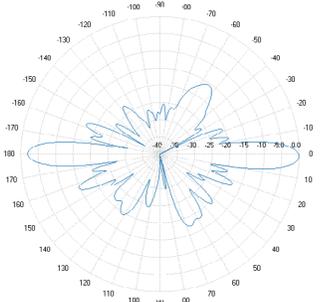
2355 MHz



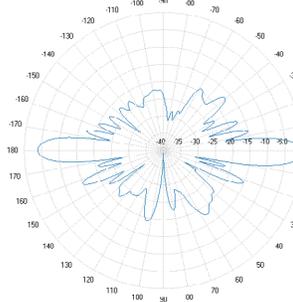
2535 MHz



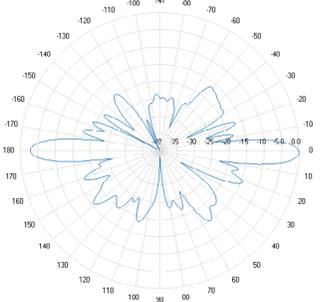
3500 MHz



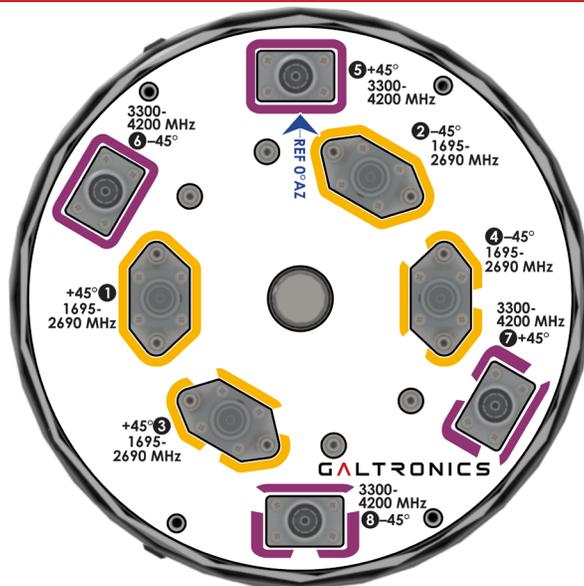
3690 MHz



3820 MHz



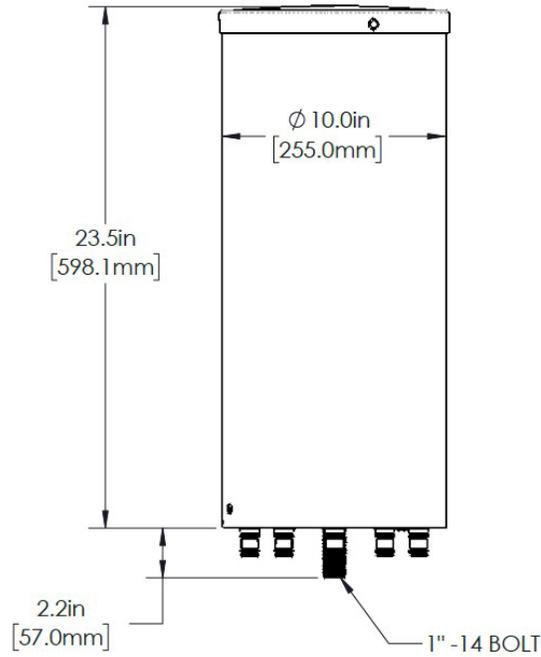
Bottom Plate & Port Designation Details



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Antenna Outline



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

Part Numbers & Ordering Options

Description	Color	Mounting Kit	Part Number
8-port Quasi-Omni Canister Antenna with 4.3-10(F) Connectors	Gray	Including MK-06761 mounting kit assembly	GQ2408-08281-112
	Brown		GQ2408-08281-612
	Black		GQ2408-08281-B12

Mounting Brackets & Optional Accessories

Description	Part Number
<p>Mounting Kit Assembly (wind speed of 150 mph) [Included]</p> <p>The assembly kit includes a 1" Mount Rod Adapter (MK-06678: universal interface for pole top installation) and a Pole Top Mounting Bracket (MK-06679: a bracket base attached directly to wood, metal and cement poles).</p> <p>Note: 1" Rod Adapter (MK-06678) and Pole Top Mounting Bracket (MK-06679) may be ordered separately.</p>	<p>MK-06761</p>

RFD#: 8281; Revision: R2; Release Date: January 30, 2026