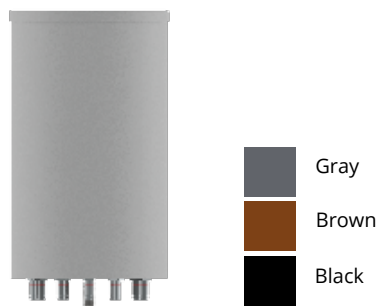


2' 8-Port Quasi-Omni Pattern Canister Antenna [617-746 and 1695-2690 MHz]

GQ2408-07583

Description:

- Quasi-Omni Pattern Canister Antenna for Small Cells and Outdoor DAS
- 4x ports for Low Band 617-746 MHz
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz



617-746 and 1695-2690 MHz
8-Port Quasi-Omni Pattern Canister Antenna

Electrical Specifications

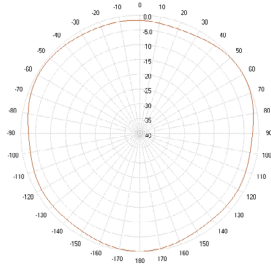
Frequency Band [MHz]	617-698	698-746	1695-2200	2305-2360	2496-2690
Input Connector Type	4x 4.3-10(F)		4x 4.3-10(F)		
Isolation (min.)	25 dB				
VSWR (max.) /RL (min.)	1.5:1 / 14.0 dB				
Impedance	50 Ω				
Polarization	Dual slant 45° (±45°)				
Horizontal Beamwidth	Omni (360°)				
Vertical Beamwidth (°)	82	74	22.6	18.8	17.3
Gain (dBi, max.)	3.3	3.8	9.0	9.1	9.1
Gain (dBi, avg.)	2.7	3.1	7.8	8.5	8.4
Downtilt	0° Fixed				
Max Power / Port	100 Watts				
PIM @ 2x43 dBm (max.)	-153 dBc				

Mechanical Specifications

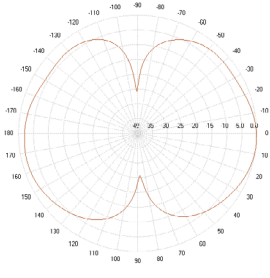
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	21.0 lbs (9.5 kg)
Antenna Diameter	14.5" (369 mm)
Antenna Height	24.0" (609.6 mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

RFD#: 7583 ; Revision: R1 ; Release Date: May 26, 2021;

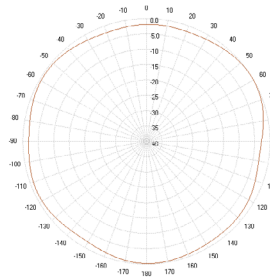
2D Antenna Patterns



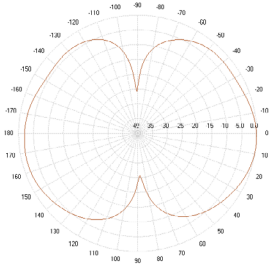
617 MHz



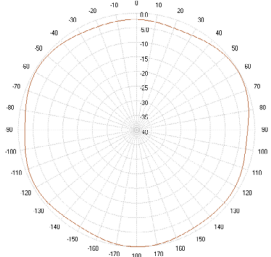
680 MHz



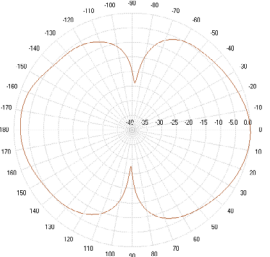
722 MHz



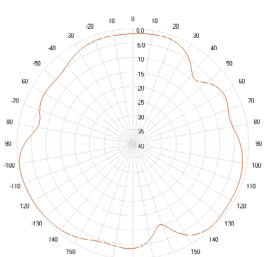
746 MHz



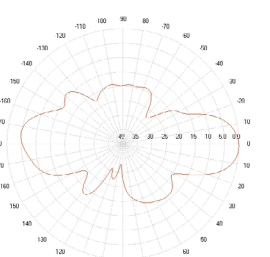
1800 MHz



2200 MHz



2496 MHz



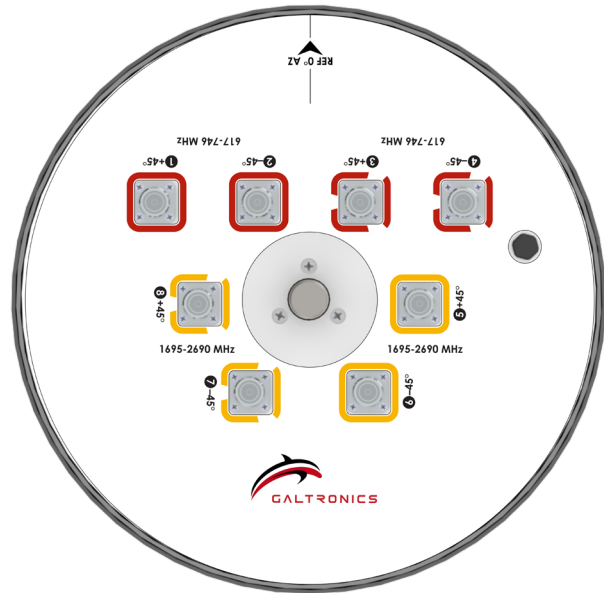
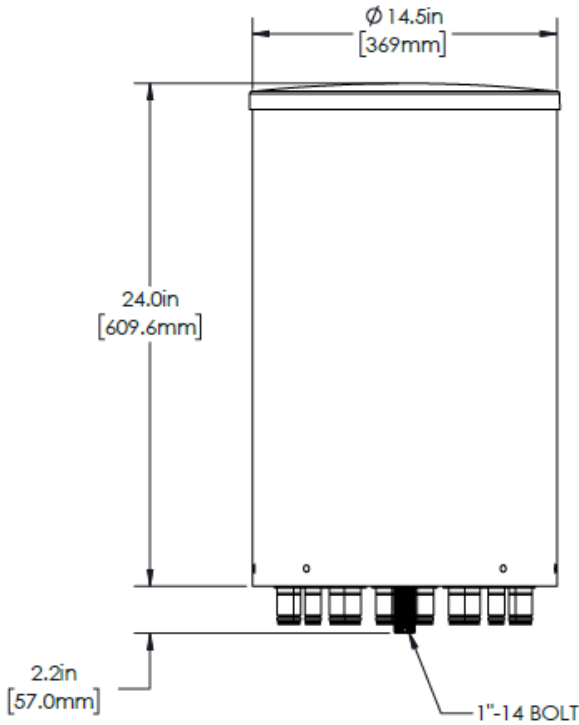
2690 MHz



GALTRONICS

A Baylin Technologies Company

Mechanical Outline & Bottom Plate Labels



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

Part Numbers & Ordering Options

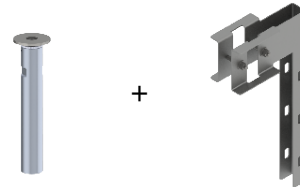
Description	Color	Mounting Kit	Part Number
Quasi-Omni Pattern Canister Antenna with 8x 4.3/10(F) Connectors	Gray	Including MK-06761 mounting kit assembly	GQ2408-07583-1xx
	Brown		GQ2408-07583-6xx
	Black		GQ2408-07583-Bxx

Mounting Brackets & Optional Accessories

Mounting Kit Assembly, Canister, Pole Top (wind speed of 150 mph)

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).

Note: 1" Rod Adapter (MK-06678) and Pole Top Mounting Bracket (MK-06679) may be ordered separately.



MK-06761

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