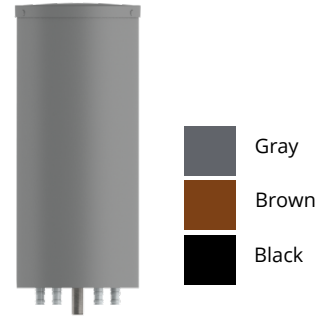


2' 8-Port Quasi-Omni Pattern Antenna [1695-2690 MHz]

GQ2408-07734

Description:

- Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells
- 8x ports wideband (1695-2690 MHz) covering AWS/PCS/WCS/BRS Bands
- 8-port with very high gain
- Optimized mechanical design to be compact and light



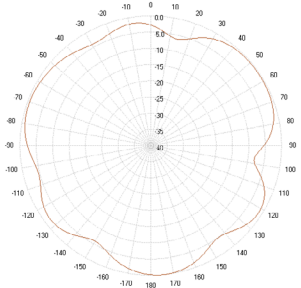
1695-2690 MHz Quasi-Omni Pattern Canister Antenna

Electrical Specifications			
Frequency Band [MHz]	1695-2200	2305-2360	2496-2690
Input Connector Type	8x 4.3-10 (F)		
VSWR (max.) / RL (min.)	1.5:1 / 14.0 dB		
Isolation (min.)	20 dB		
Impedance	50 Ω		
Polarization	Dual slant 45° (±45°)		
Horizontal Beamwidth	Omni (360°)		
Vertical Beamwidth (°)	27.5	23.2	20.4
Gain (dBi, max.)	9.8	10.3	10.1
Gain (dBi, avg.)	7.6	8.7	8.6
Downtilt	0° Fixed		
Max Power / Port	100 Watts		
PIM @ 2x43 dBm (max.)	-153 dBc		

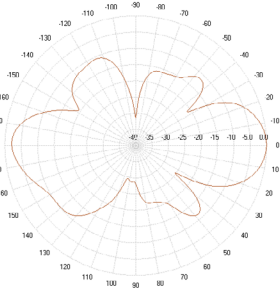
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	13.8 lbs (6.26 kg)
Antenna Dimension (Diameter x Height)	10.0" (255 mm) x 23.5" (598.1 mm)
Radome Material	ASA
Radome Color	Gray, Brown, Black
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

RFD#: 07734; Revision: R1 ; Release Date: February 10, 2022

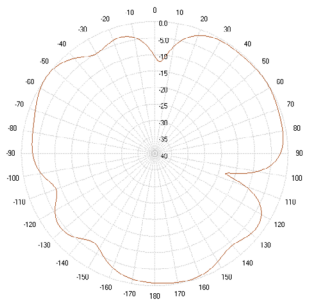
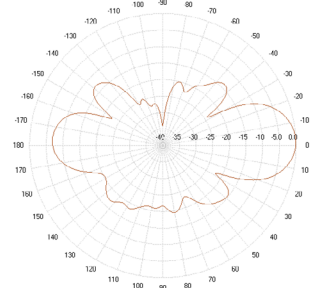
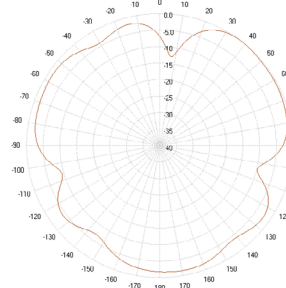
2D Antenna Patterns



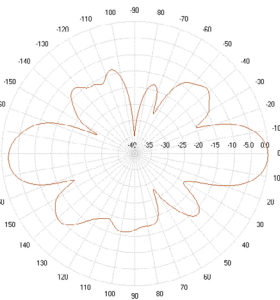
1843 MHz



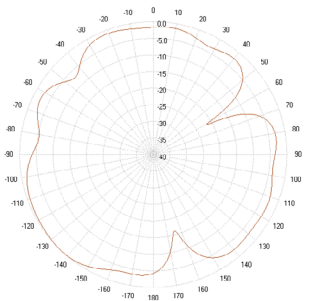
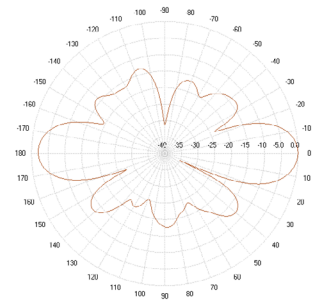
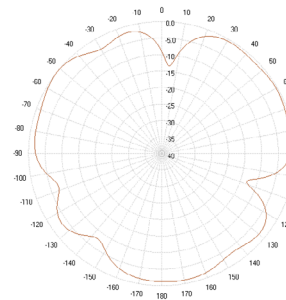
2155 MHz



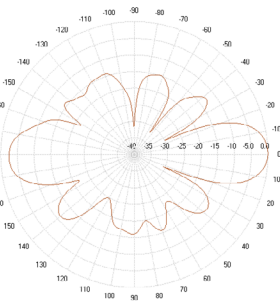
2315 MHz



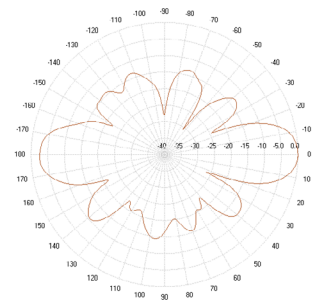
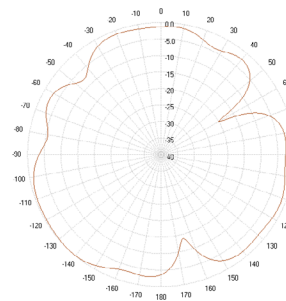
2350 MHz



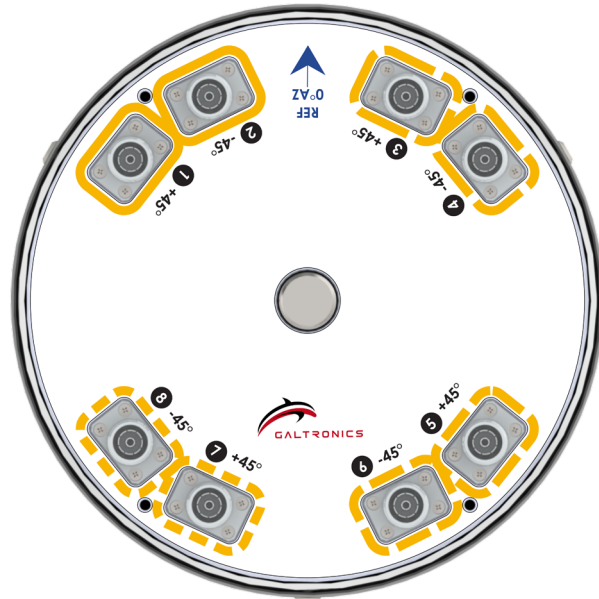
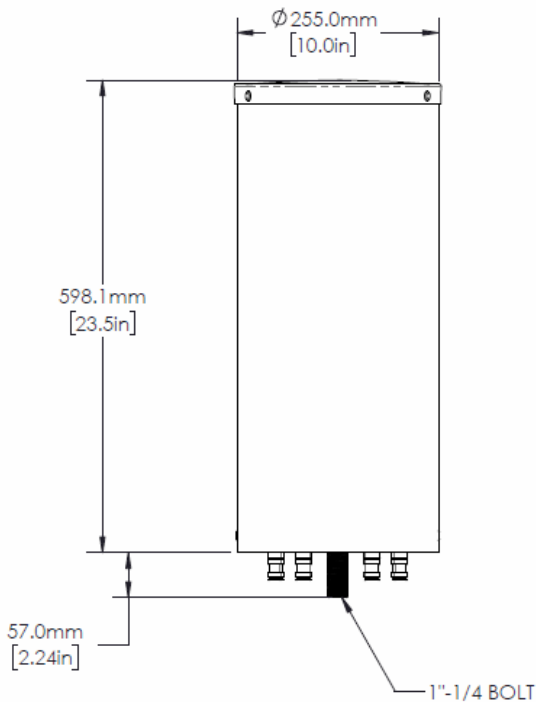
2496 MHz



2510 MHz



Mechanical Outline & Bottom Plate Labels



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

Part Numbers, Ordering Options

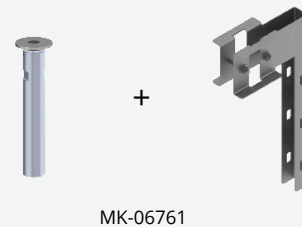
Description	Color	Mounting Kit	Part Number
8-port Quasi-Omni Canister Antenna with 8x 4.3-10(F) Connectors	Gray	Including MK-06761 mounting kit assembly	GQ2408-07734-1xx
	Brown		GQ2408-07734-6xx
	Black		GQ2408-07734-Bxx

Mounting Bracket(s):

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