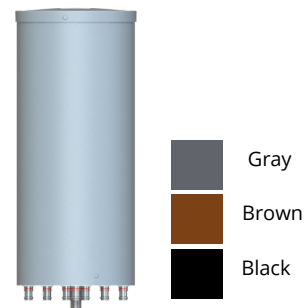


2' 10-Port Quasi-Omni Canister Antenna [1695-2690, 3300-4000 and 5150-5925 MHz]

GQ2410-B6621

Description:

- Quasi-Omni Pattern Canister Antenna for Small Cells and Outdoor DAS
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz
- 4x ports for C-Band 3300-4000 MHz
- 2x ports for U-NII-1/-2/-3/-4 Bands 5150-5925 MHz*



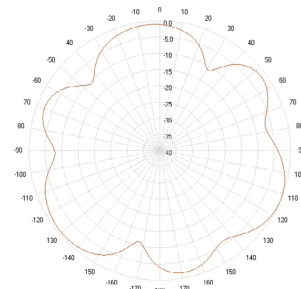
1695-2690, 3300-4000 and 5150-5925 MHz
Quasi-Omni Pattern Canister Antenna

*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

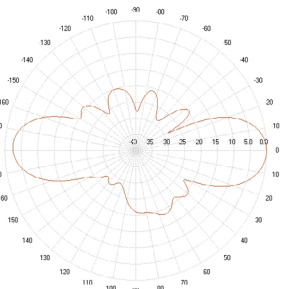
Electrical Specifications							
Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4000	5150-5925
Input Connector Type	4x 4.3-10 (F)			4x 4.3-10 (F)			2x 4.3-10 (F)
Isolation (min.)	20 dB	25 dB	25 dB	23 dB			25 dB
VSWR (max.) / RL (min.)	1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Horizontal Beamwidth	Omni (360°)						
Vertical Beamwidth	22.5°	17.9°	17.7°	19.0°	18.0°	16.7°	23.5°
Gain (max.)	9.3 dBi	8.7 dBi	8.9 dBi	8.7 dBi	8.7 dBi	9.6 dBi	5.5 dBi
Gain (avg.)	8.4 dBi	8.4 dBi	8.3 dBi	7.8 dBi	7.9 dBi	8.2 dBi	4.5 dBi
Downtilt	0° Fixed						
Max Power / Port	100 Watts			100 Watts			1 Watt
PIM @ 2x43 dBm (max.)	-153 dBc			-145 dBc			N/A

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	16.0 lbs (7.3 kg)
Antenna Dimension (Diameter x Height)	10.0" (255 mm) x 23.5" (598.1 mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

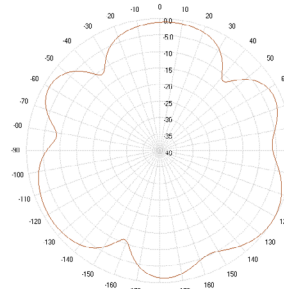
2D Antenna Patterns



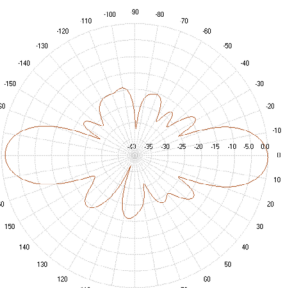
1900 MHz



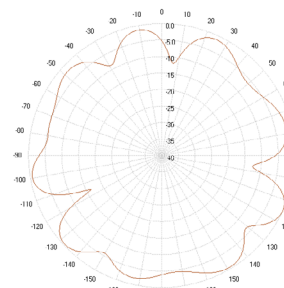
1980 MHz



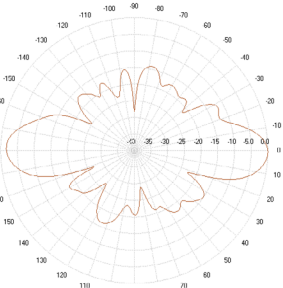
2170 MHz



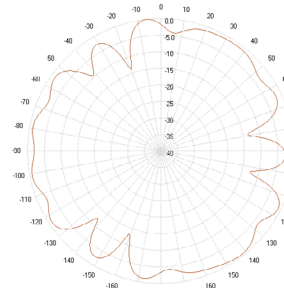
2599 MHz



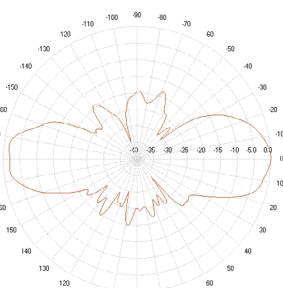
3550 MHz



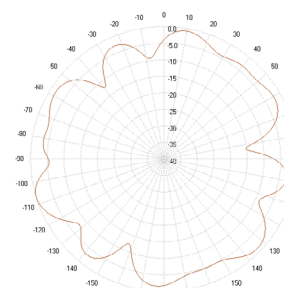
3690 MHz



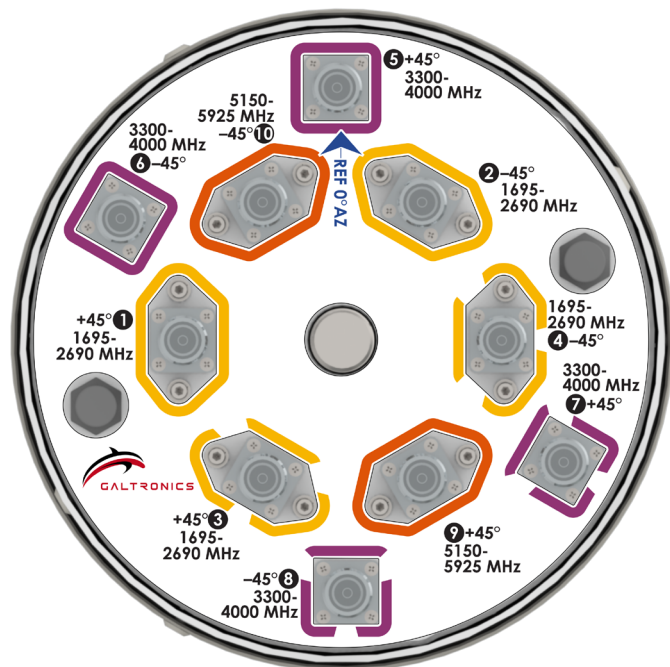
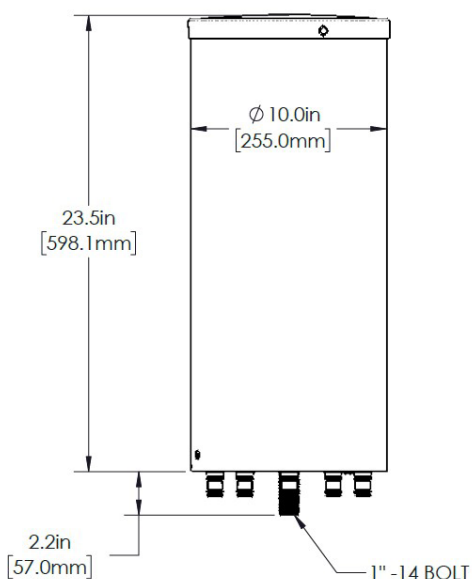
5200 MHz



5250 MHz



Mechanical Outline & Bottom Plate Labels



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

Part Numbers, Ordering Options

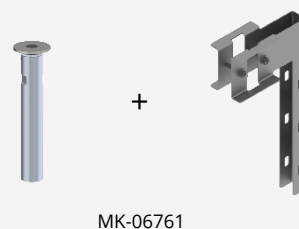
Description	Color	Mounting Kit	Part Number
10-port Quasi-Omni Canister Antenna with 4.3-10(F) Connectors	Gray	Including MK-06761 mounting kit assembly	GQ2410-B6621-1xx
	Brown		GQ2410-B6621-6xx
	Black		GQ2410-B6621-Bxx

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