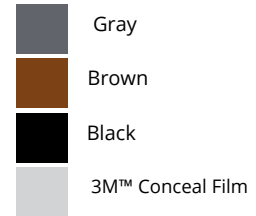


**2' Pseudo Omni 10-Port Canister Antenna [1695-2360, 3550-3700 and 5150-5925 MHz]**

**GQ2410-06621**

**Description:**

- Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells.
- 4x ports for AWS/PCS/WCS Band 1695-2360 MHz
- 4x ports for CBRS Band 3550-3700 MHz
- 2x ports for U-NII Band 5150-5925 MHz\*



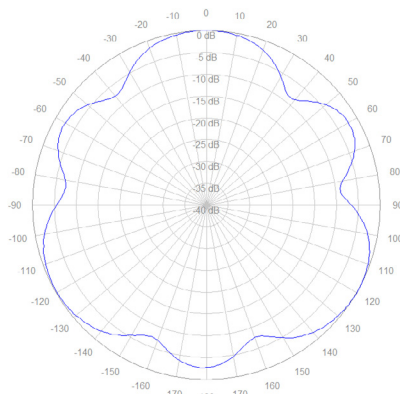
1695-2360, 3550-3700 and 5150-5925 MHz  
Pseudo Omni Canister Antenna

\*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

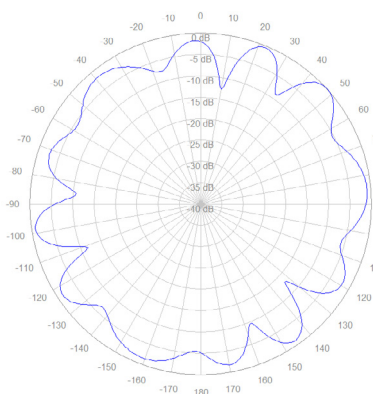
**Electrical Specifications**

Frequency Band [MHz]	1695-2180	2305-2360	3550-3700	5150-5925
Input Connector Type	4x 4.3-10 (F)		4x 4.3-10 (F)	2x 4.3-10 (F)
Isolation (Typ.)	20 dB			
VSWR/Return Loss (Typ.)	1.5:1 / 14.0 dB			
Impedance	50 Ω			
Polarization	Dual slant 45° (±45°)			
Horizontal Beamwidth	Omni (360°)			
Vertical Beamwidth	19°	15.4°	18.7°	23.0°
Max. Gain	8.9 dBi	8.3 dBi	8.0 dBi	5.5 dBi
Avg. Gain	7.7 dBi	7.9 dBi	7.6 dBi	4.7 dBi
Downtilt	0° Fixed			
Max Power / Port	100 Watts		50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc		N/A	N/A

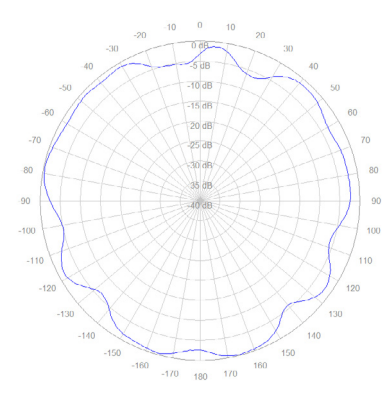
**2D Antenna Patterns**



**1930 MHz**

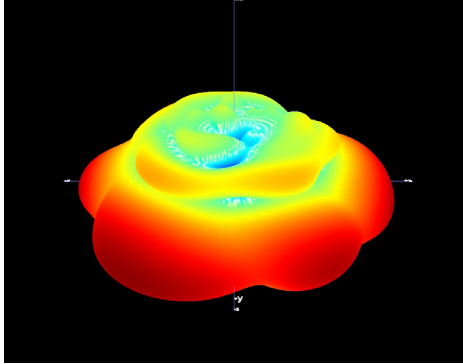


**3650 MHz**

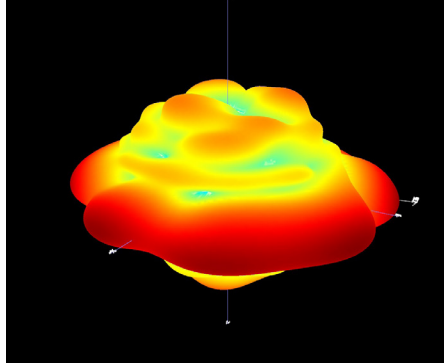


**5825 MHz**

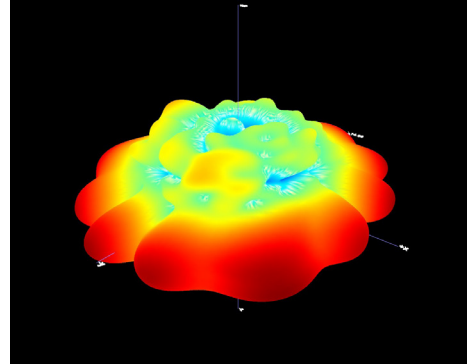
## 3D Antenna Patterns



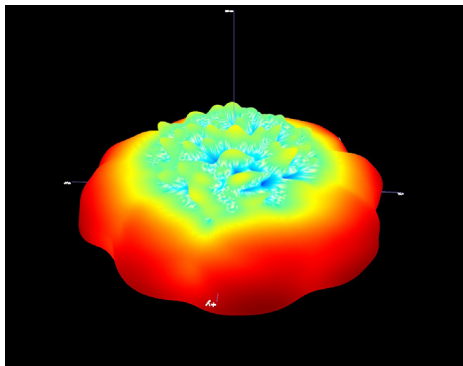
**1950 MHz**



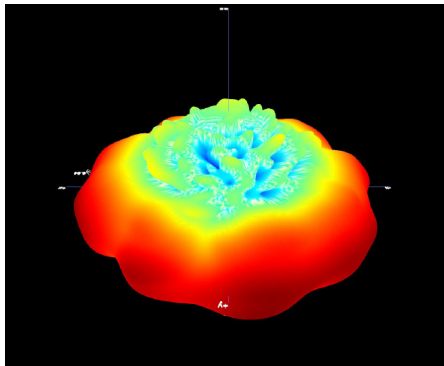
**2315 MHz**



**3650 MHz**



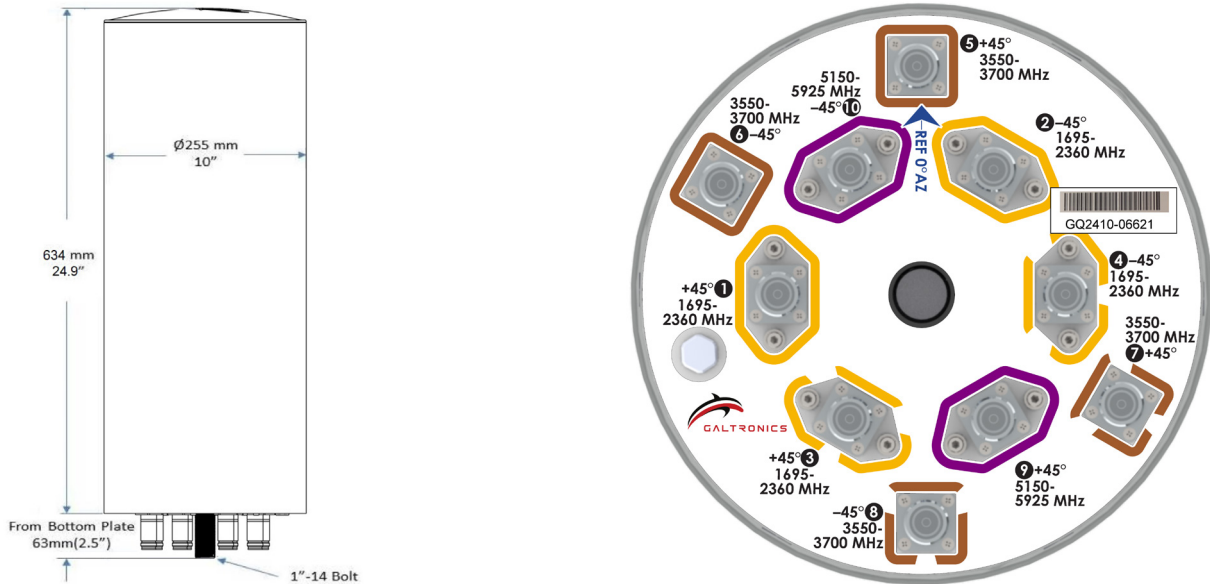
**5250 MHz**



**5825 MHz**

## Additional Technical Information

### Mechanical Dimensions



### Mechanical Specifications

<b>Operating Temperature</b>	-40° to 158°F (-40° to +70°C)
<b>Antenna Weight</b>	16.3 lbs (7.4 kg)
<b>Antenna Dimension (Diameter x Height)</b>	10.0" (255 mm) x 24.9" (634 mm)
<b>Radome Material</b>	ASA
<b>Radome Color</b>	Gray, Brown, Black, 3M™ Conceal Film
<b>Ingress Protection</b>	Outdoor (IP65)
<b>Wind Survival Rating</b>	150 mph (241 km/h)

### Part Numbers, Ordering Options

Description:	Part Number:
Antenna with 10x 4.3-10(F) Connectors, Gray	GQ2410-06621-111
Antenna with 10x 4.3-10(F) Connectors, Brown	GQ2410-06621-611
Antenna with 10x 4.3-10(F) Connectors, Black	GQ2410-06621-B11
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film)	GQ2410-06621-C11
Antenna with 10x 4.3-10(F) Connectors, Gray (including MK-06761 mounting kit assembly)	GQ2410-06621-112
Antenna with 10x 4.3-10(F) Connectors, Brown (including MK-06761 mounting kit assembly)	GQ2410-06621-612
Antenna with 10x 4.3-10(F) Connectors, Black (including MK-06761 mounting kit assembly)	GQ2410-06621-B12

### 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

#### Mating Connector Torque:

4.3-10: 3.7 ft-lb (5 Nm)

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