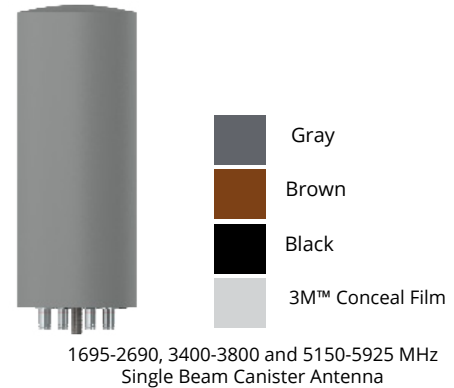


**2' Single Beam 10-Port Canister Antenna [1695-2690, 3400-3800 and 5150-5925 MHz]**

**GC2410-06843**

**Description:**

- Single Beam Canister Antenna for Outdoor DAS and Small Cells
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz
- 4x ports for CBRS Band 3400-3800 MHz
- 2x ports for U-NII Band 5150-5925 MHz\*
- Aesthetically pleasing canister to provide single beam fill-in coverage

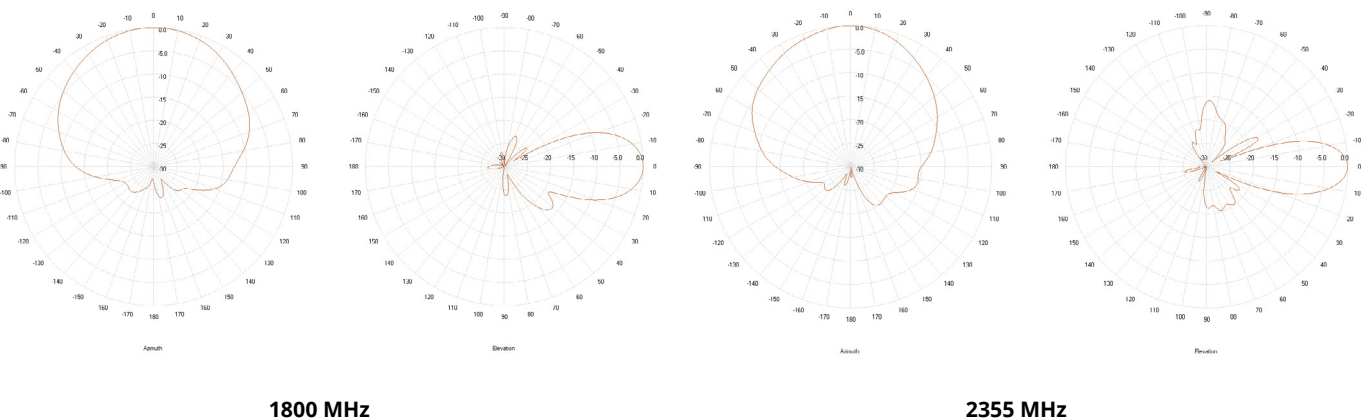


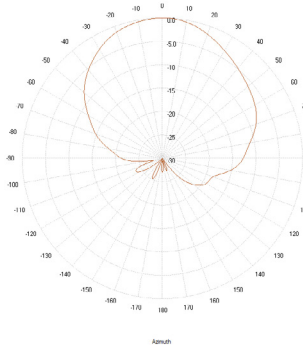
\*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information

**Electrical Specifications**

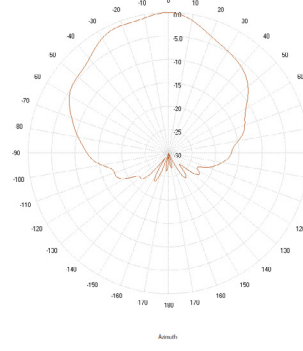
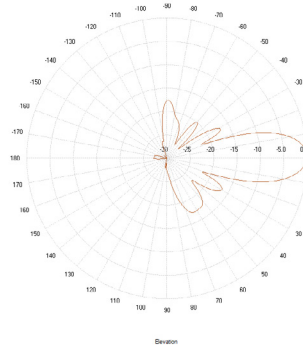
Frequency Band [MHz]	1695-2180	2305-2360	2496-2690	3400-3800	5150-5925
<b>Input Connector Type</b>	4x 4.3-10 (F)			4x 4.3-10 (F)	2x 4.3-10 (F)
<b>Isolation (min.)</b>	20 dB				
<b>VSWR (max.) / RL (min.)</b>	1.5:1 / 14.0 dB				
<b>Impedance</b>	50 Ω				
<b>Polarization</b>	Dual slant 45° (±45°)				
<b>Horizontal Beamwidth</b>	73°	66°	66°	60°	88°
<b>Vertical Beamwidth</b>	22.9°	18.8°	17.4°	20.4°	23.9°
<b>Gain (max.)</b>	13.6 dBi	13.4 dBi	14.1 dBi	13.6 dBi	5.5 dBi
<b>Gain (avg.)</b>	12.1 dBi	13.0 dBi	13.5 dBi	12.7 dBi	4.8 dBi
<b>Downtilt</b>	0° Fixed				
<b>Max Power / Port</b>	100 Watts			50 Watts	1 Watt
<b>PIM @ 2x43 dBm</b>	<-153 dBc			N/A	N/A

**2D Antenna Patterns**

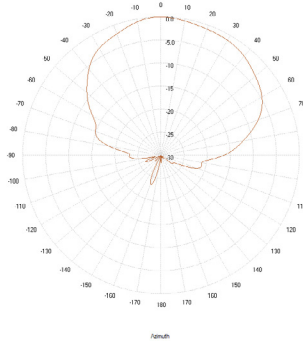
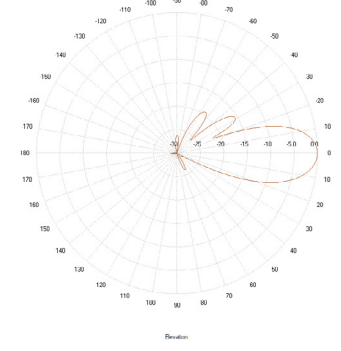




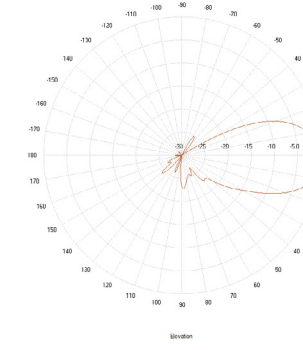
2523 MHz



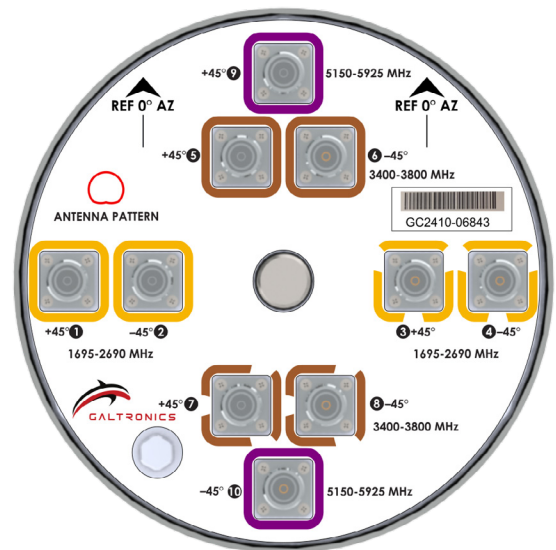
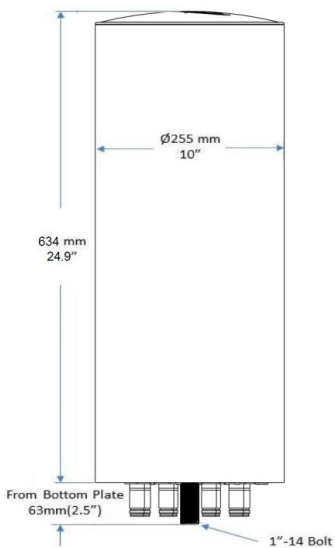
3650 MHz



5225 MHz



## Mechanical Dimensions & Bottom Plate Labels



RFD#06843 ; Revision: 1.1 ; Release Date: October 10, 2018;

## Mechanical Specifications

<b>Operating Temperature</b>	-40° to 158°F (-40° to +70°C)
<b>Antenna Weight</b>	16.5 lbs (7.5 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

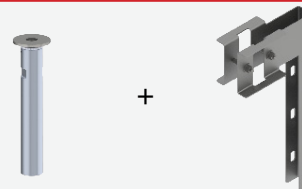
<b>Description:</b>	<b>Part Number:</b>
Antenna with 10x 4.3-10(F) Connectors, Gray	GC2410-06843-111
Antenna with 10x 4.3-10(F) Connectors, Brown	GC2410-06843-611
Antenna with 10x 4.3-10(F) Connectors, Black	GC2410-06843-B11
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film)	GC2410-06843-C11
Antenna with 10x 4.3-10(F) Connectors, Gray (including MK-06761 mounting kit assembly)	GC2410-06843-112
Antenna with 10x 4.3-10(F) Connectors, Brown (including MK-06761 mounting kit assembly)	GC2410-06843-612
Antenna with 10x 4.3-10(F) Connectors, Black (including MK-06761 mounting kit assembly)	GC2410-06843-B12
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film) - (including MK-06761 mounting kit assembly)	GC2410-06843-C12

## 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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