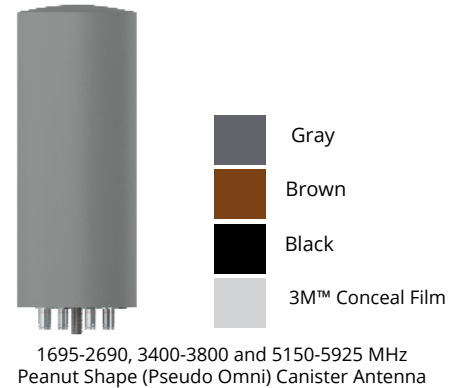


2' Peanut Shape (Pseudo Omni) 10-Port Canister Antenna [1695-2690, 3400-3800 and 5150-5925 MHz]

GC2410-06977

Description:

- Pseudo Omni 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*
- Peanut shape pattern for street/highway coverage

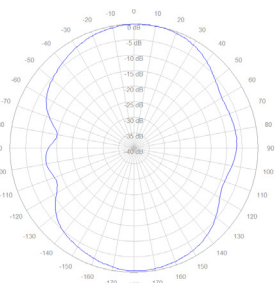


*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information

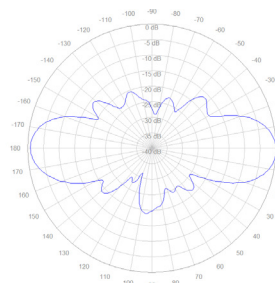
Electrical Specifications

Frequency Band [MHz]	1695-2180	2305-2360	2496-2690	3400-3800	5150-5925
Input Connector Type	4x 4.3-10 (F)			4x 4.3-10 (F)	2x 4.3-10 (F)
Isolation (min.)	20 dB				
VSWR (max.) / RL (min.)	1.5:1 / 14.0 dB				
Impedance	50 Ω				
Polarization	Dual slant 45° (±45°)				
Horizontal Beamwidth	68°	53°	65°	58°	81°
Vertical Beamwidth	22.5°	18.7°	17.0°	19.9°	24.4°
Gain (max.)	10.2 dBi	10.8 dBi	10.4 dBi	10.2 dBi	5.5 dBi
Gain (avg.)	9.0 dBi	10.1 dBi	9.9 dBi	9.0 dBi	4.8 dBi
Downtilt	0° Fixed				
Max Power / Port	100 Watts			50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc			N/A	N/A

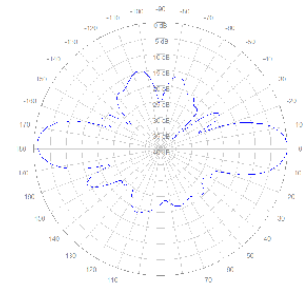
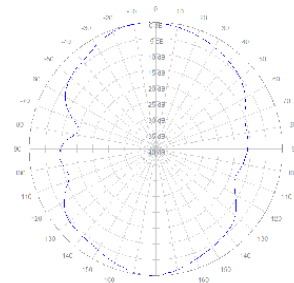
2D Antenna Patterns



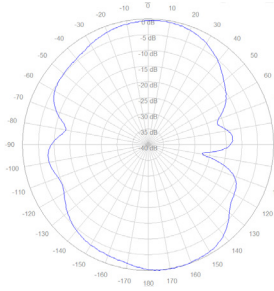
1805 MHz



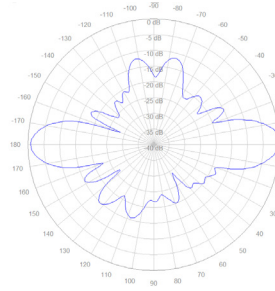
2325 MHz



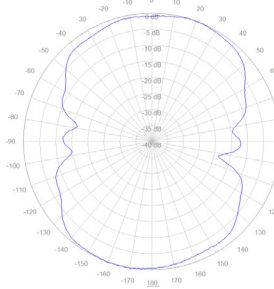
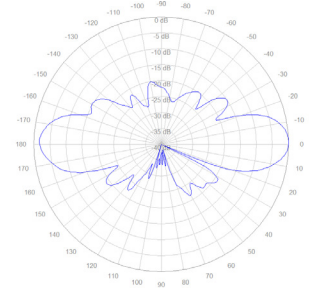
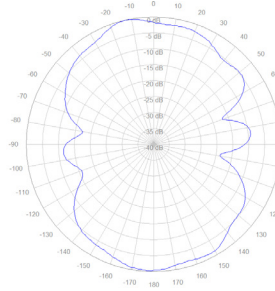
RFD#06977 ; Revision: 1.1 ; Release Date: October 10, 2018;



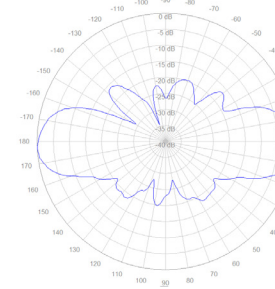
2620 MHz



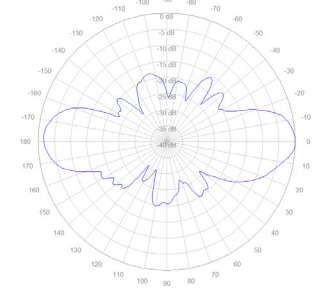
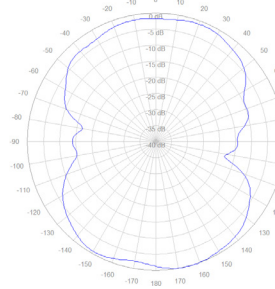
3700 MHz



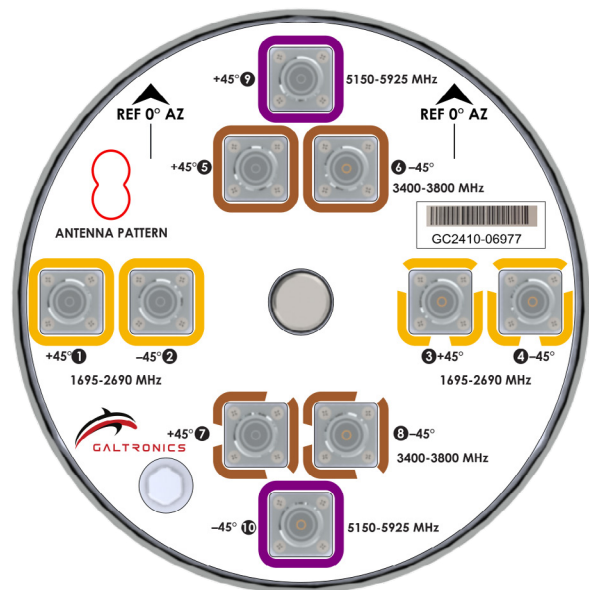
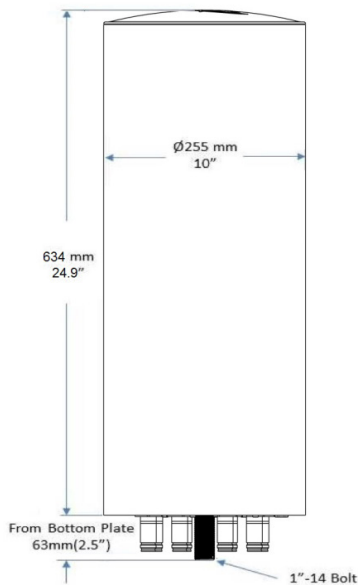
5150 MHz



5825 MHz



Mechanical Dimensions & Bottom Plate Labels



RFD#06977 ; Revision: 1.1 ; Release Date: October 10, 2018;

Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	17.0 lbs (7.7 Kg)
Antenna Dimension (Diameter x Height)	10.0" (255 mm) x 24.9" (634 mm)
Radome Material	ASA
Radome Color	Gray, Brown, Black, 3M™ Conceal Film
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

Part Numbers, Ordering Options

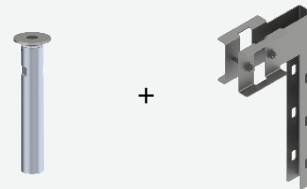
Description:	Part Number:
Antenna with 10x 4.3-10(F) Connectors, Gray	GC2410-06977-111
Antenna with 10x 4.3-10(F) Connectors, Brown	GC2410-06977-611
Antenna with 10x 4.3-10(F) Connectors, Black	GC2410-06977-B11
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film)	GC2410-06977-C11
Antenna with 10x 4.3-10(F) Connectors, Gray (including MK-06761 mounting kit assembly)	GC2410-06977-112
Antenna with 10x 4.3-10(F) Connectors, Brown (including MK-06761 mounting kit assembly)	GC2410-06977-612
Antenna with 10x 4.3-10(F) Connectors, Black (including MK-06761 mounting kit assembly)	GC2410-06977-B12
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film) - (including MK-06761 mounting kit assembly)	GC2410-06977-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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