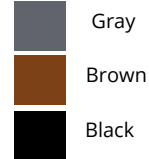


2' 10-Port Peanut Pattern Quasi-Omni Canister Antenna [1695-2690, 3400-3800 and 5150-5925 MHz]

GC2410-06977

Description:

- Quasi-Omni Peanut Pattern 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



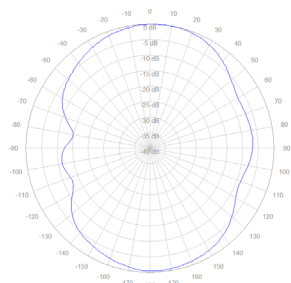
1695-2690, 3400-3800 and 5150-5925 MHz
Peanut Pattern Quasi-Omni Canister Antenna

*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

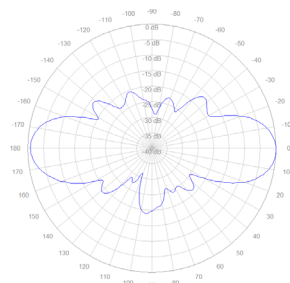
Electrical Specifications

Frequency Band [MHz]	1695-2180	2305-2360	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° ($\pm 45^\circ$)				
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

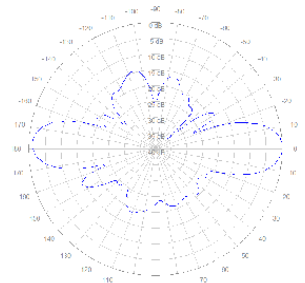
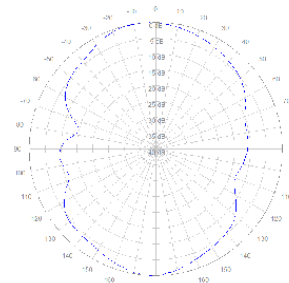
2D Antenna Patterns



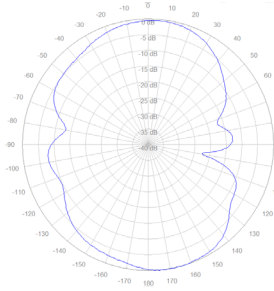
1805 MHz



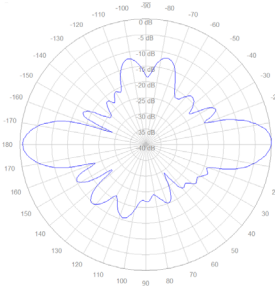
2325 MHz



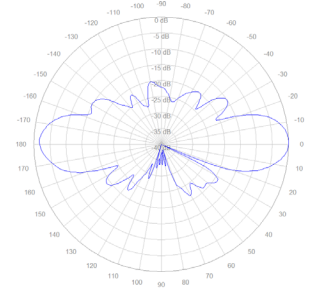
RFD#: 6977 ; Revision: R1 ; Release Date: May 05, 2020



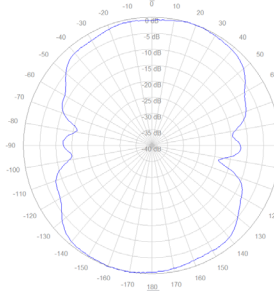
2620 MHz



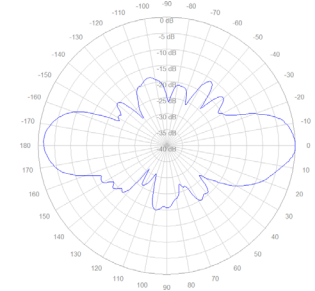
3700 MHz



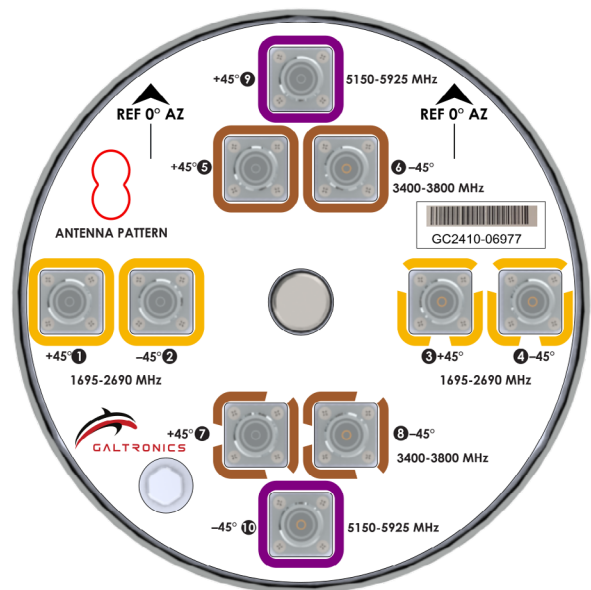
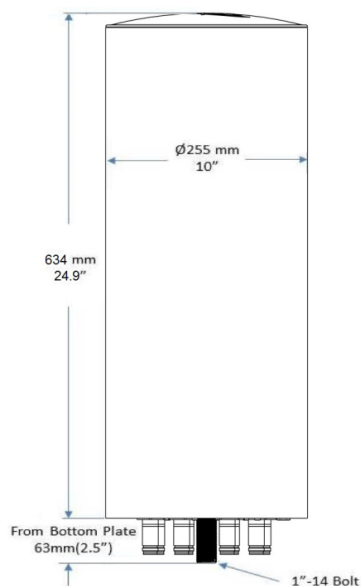
5150 MHz



5825 MHz



Mechanical Dimensions & Bottom Plate Labels



RFD#: 6977 ; Revision: R1 ; Release Date: May 05, 2020

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 and Black
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

PPart Numbers & Ordering Options

Description	Color	Mounting Kit	Part Number
Quasi-Omni Peanut Pattern Canister Antenna with 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GC2410-06977-1xx
	Brown		GC2410-06977-6xx
	Black		GC2410-06977-Bxx

Mounting Brackets & Optional Accessories

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.



Mating Connector Torque:

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