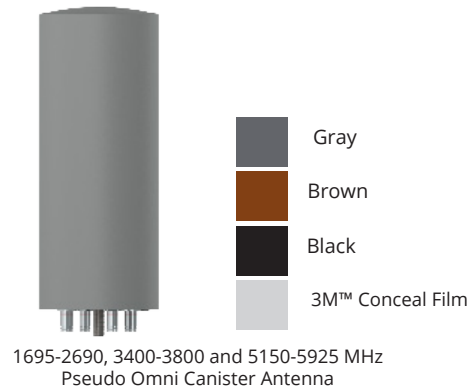


2' Pseudo Omni 10-Port Canister Antenna [1695-2690, 3400-3800 and 5150-5925 MHz]

GQ2410-06873

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*



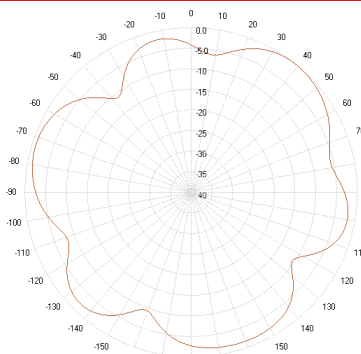
*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information

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	Omni (360°)				
Vertical Beamwidth	22.3°	18.5°	17.6°	20.0°	23.3°
Gain (max.)	9.1 dBi	8.6 dBi	9.0 dBi	8.8 dBi	5.5 dBi
Gain (avg.)	8.3 dBi	8.0 dBi	8.3 dBi	7.9 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

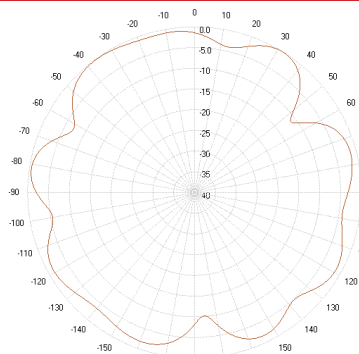
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	16.0 lbs (7.3 kg)
Antenna Dimension (Diameter x Height)	10.0" (255 mm) x 24.9" (634 mm)
Radome Material	ASA
Radome Color	Gray, Brown, Black, 3M™ Conceal Film
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

RFD# 06873 ; Revision: R1 ; Release Date: May 06, 2019

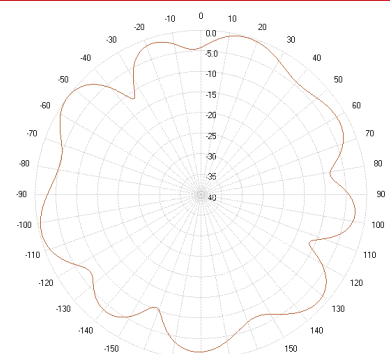
2D Antenna Patterns



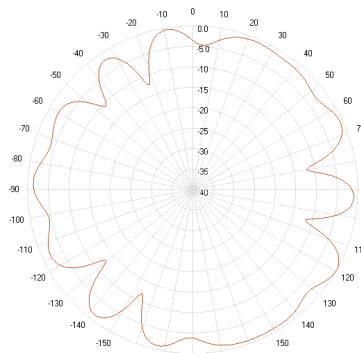
1940 MHz



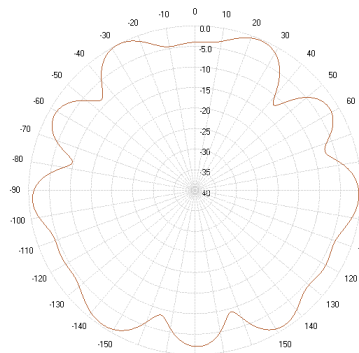
2305 MHz



2523 MHz

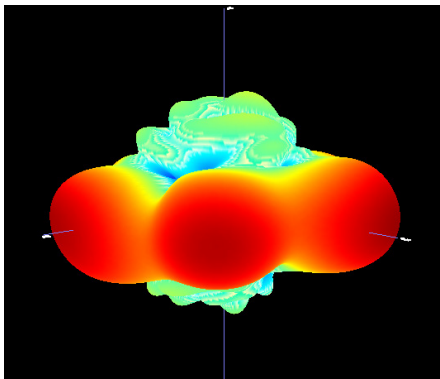


3550 MHz

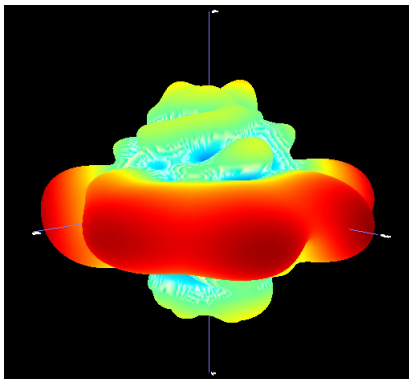


5150 MHz

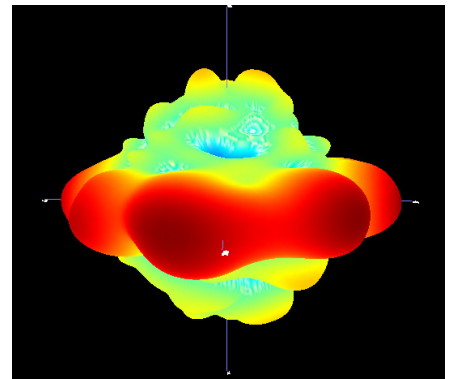
3D Antenna Patterns



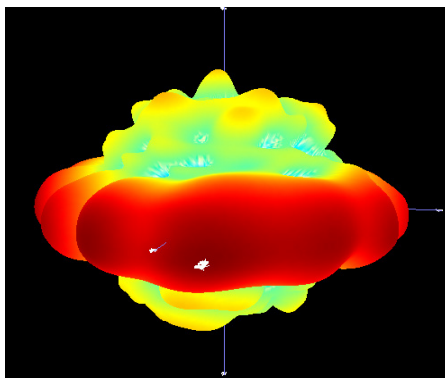
1940 MHz



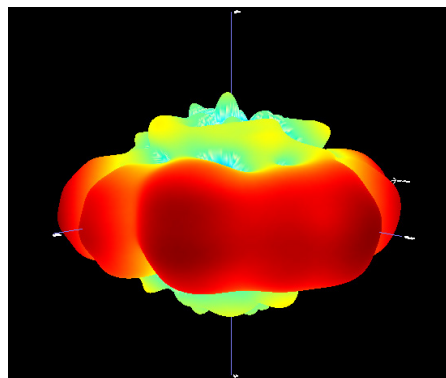
2305 MHz



2535 MHz

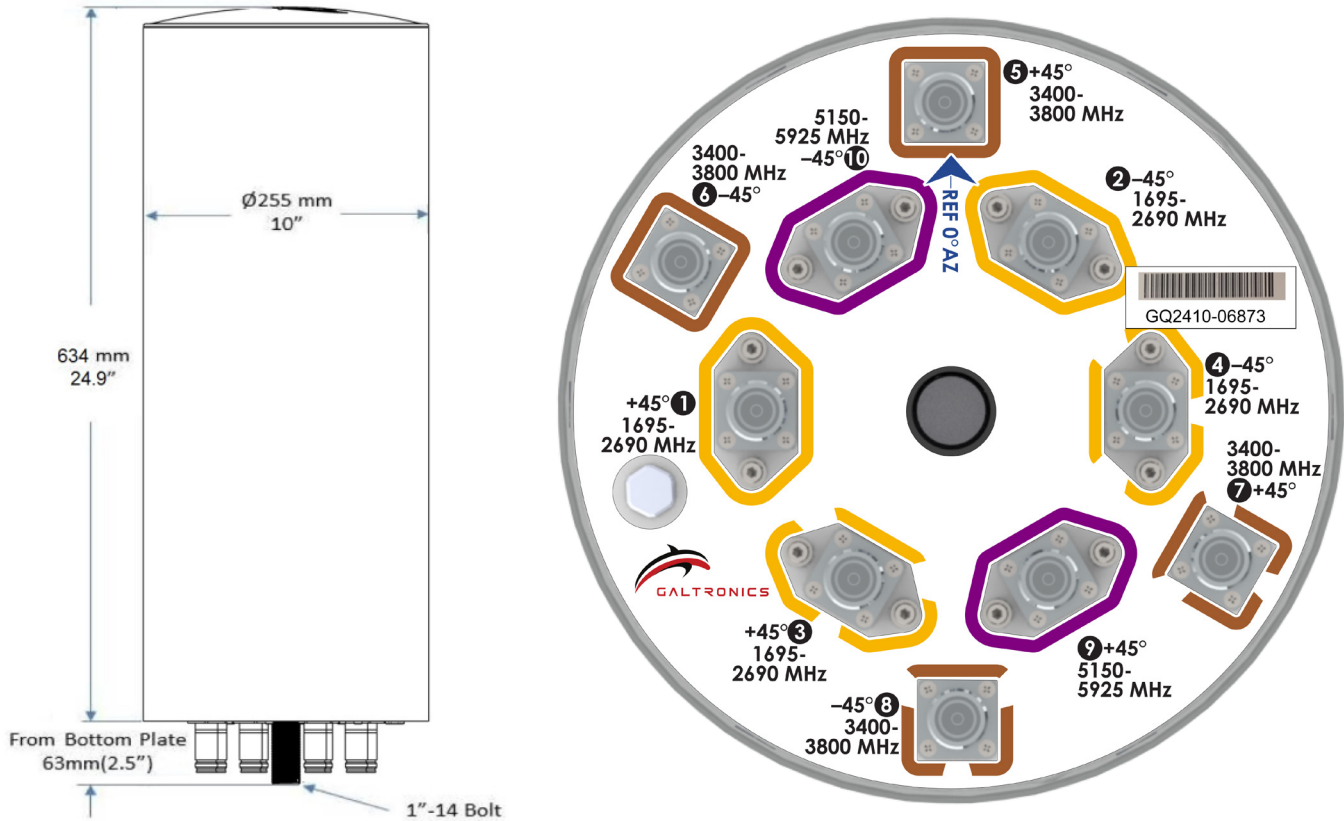


3690 MHz



5225 MHz

Mechanical Dimensions & Bottom Plate Labels



Part Numbers, Ordering Options

Description:	Part Number:
Antenna with 10x 4.3-10(F) Connectors, Gray	GQ2410-06873-111
Antenna with 10x 4.3-10(F) Connectors, Brown	GQ2410-06873-611
Antenna with 10x 4.3-10(F) Connectors, Black	GQ2410-06873-B11
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film)	GQ2410-06873-C11
Antenna with 10x 4.3-10(F) Connectors, Gray (including MK-06761 mounting kit assembly)	GQ2410-06873-112
Antenna with 10x 4.3-10(F) Connectors, Brown (including MK-06761 mounting kit assembly)	GQ2410-06873-612
Antenna with 10x 4.3-10(F) Connectors, Black (including MK-06761 mounting kit assembly)	GQ2410-06873-B12
Antenna with 10x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film) - (including MK-06761 mounting kit assembly)	GQ2410-06873-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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