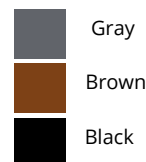


2' 10-Port Quasi-Omni Pattern Canister Antenna w/6° FET [1695-2360, 3550-3700 and 5150-5925 MHz]

GQ2410-06727

Description:

- Quasi-Omni Pattern Canister Antenna with 6° Fixed Tilt in Midband 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*



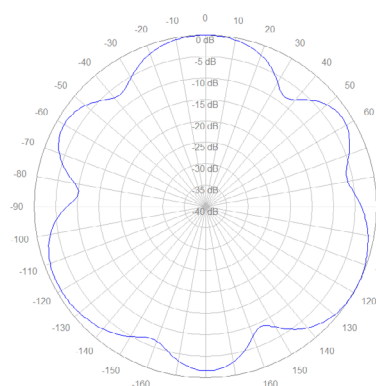
1695-2360, 3550-3700 and 5150-5925 MHz
Pseudo Omni Canister Antenna

*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

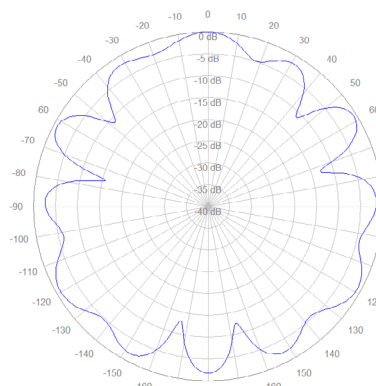
Electrical Specifications

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	6° Fixed		0° Fixed	0° Fixed
Max Power / Port	100 Watts		50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc		N/A	N/A

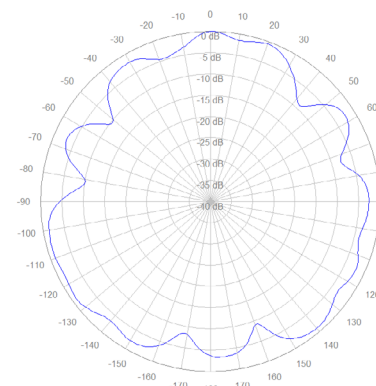
2D Antenna Patterns



1930 MHz

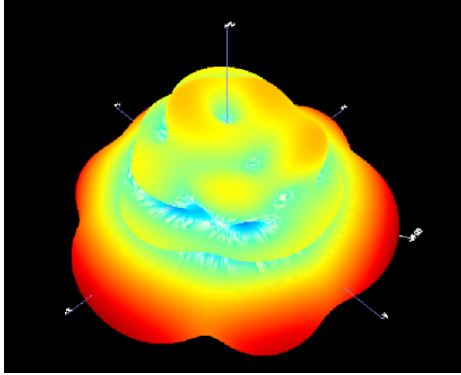


3550 MHz

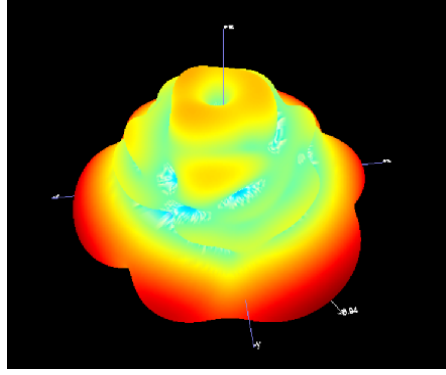


5825 MHz

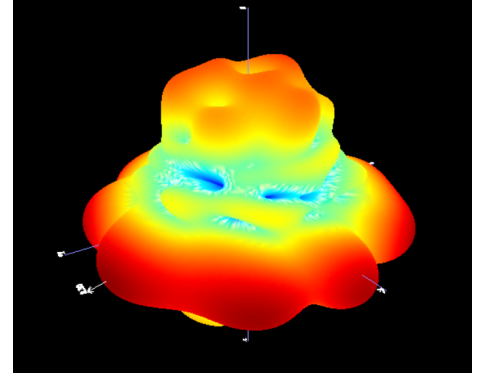
3D Antenna Patterns



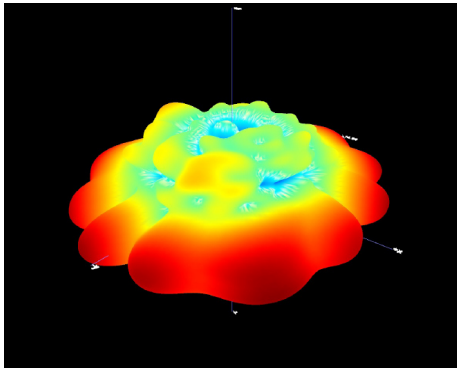
1865 MHz



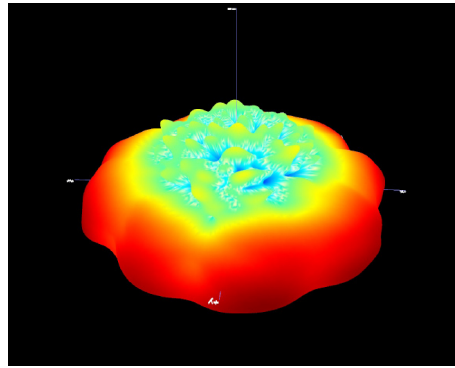
1950 MHz



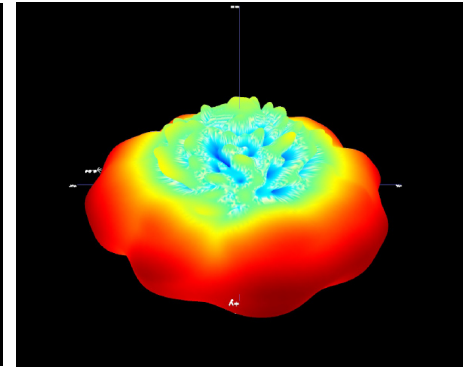
2345 MHz



3650 MHz

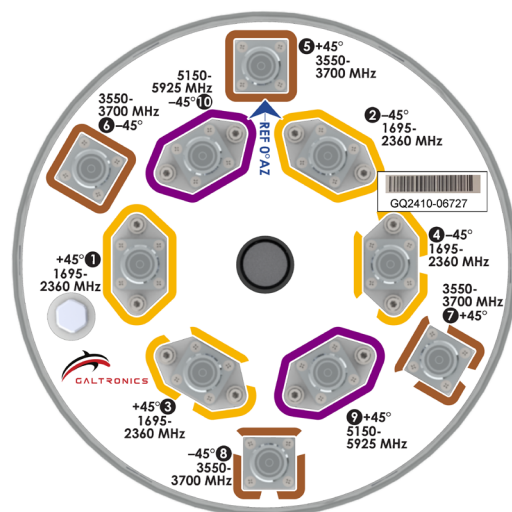
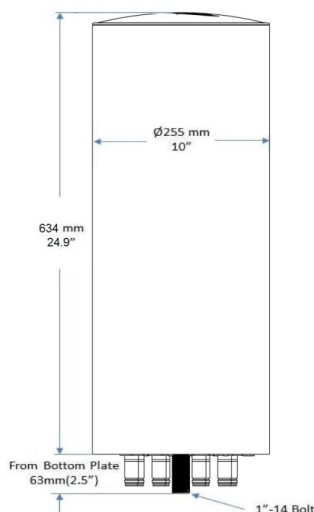


5250 MHz



5825 MHz

Mechanical Dimension & Bottom Plate Label



Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	16.3 lbs (7.4 kg)
Antenna Diameter	10.0" (255 mm)
Antenna Height	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)

Part Numbers & Ordering Options

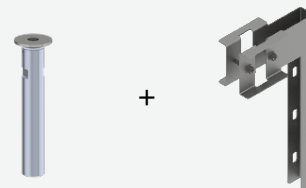
Description	Color	Mounting Kit	Part Number
Quasi-Omni Pattern Canister Antenna with 6° FET and 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GQ2410-06727-1xx
	Brown		GQ2410-06727-6xx
	Black		GQ2410-06727-Bxx

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.



MK-06761

Mating Connector Torque:

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