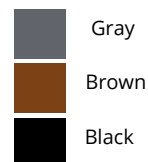


2' 10-Port Quasi-Omni Pattern Canister Antennas w/10° Tilt [1695-2360, 3550-3700 and 5150-5925 MHz]

GQ2410-06645

Description:

- Quasi-Omni Pattern Canister Antenna with 10° 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*



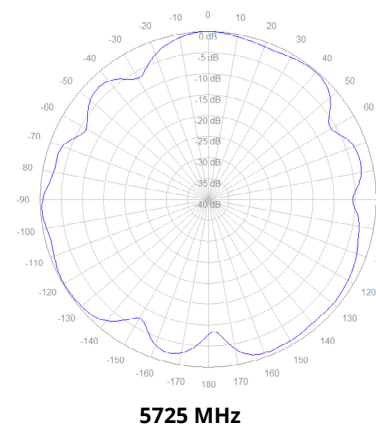
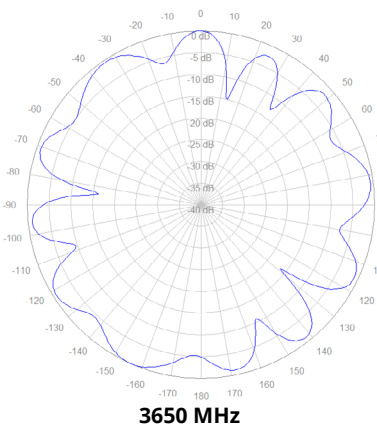
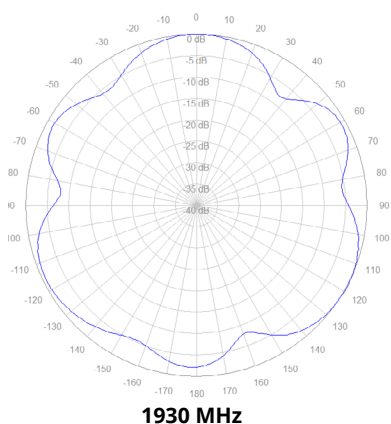
1695-2360, 3550-3700 and 5150-5925 MHz
Pseudo Omni Canister Antenna

*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 Infrastructure (U-NII) Devices - Part 15, Subpart E

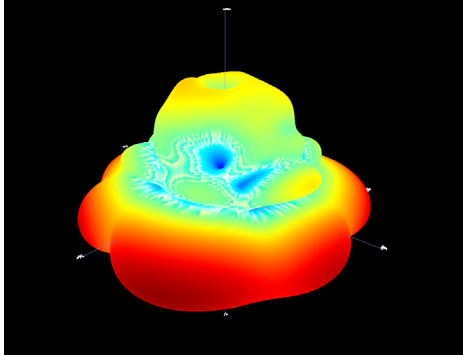
Electrical Specifications

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	18.9°	15.0°	19.3°	22.5°
Max. Gain	8.0 dBi	8.4 dBi	8.4 dBi	5.9 dBi
Avg. Gain	7.3 dBi	7.7 dBi	7.7 dBi	4.5 dBi
Downtilt	10° Fixed		0° Fixed	0° Fixed
Max Power / Port	100 Watts		50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc		N/A	N/A

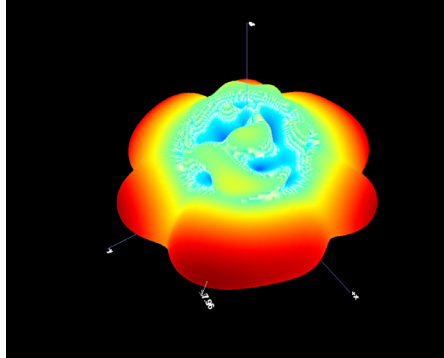
2D Antenna Patterns



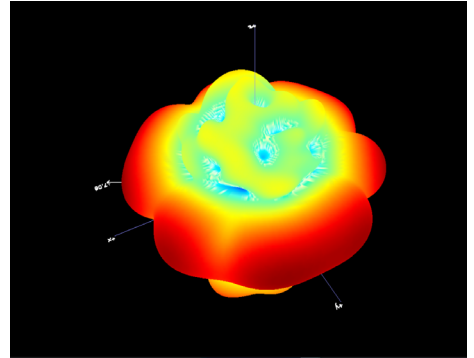
3D Antenna Patterns



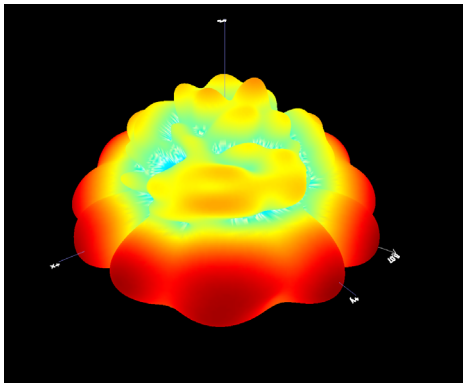
1950 MHz



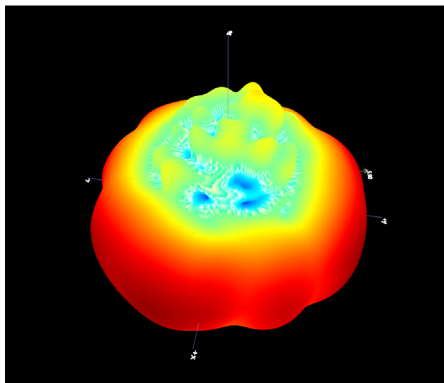
2180 MHz



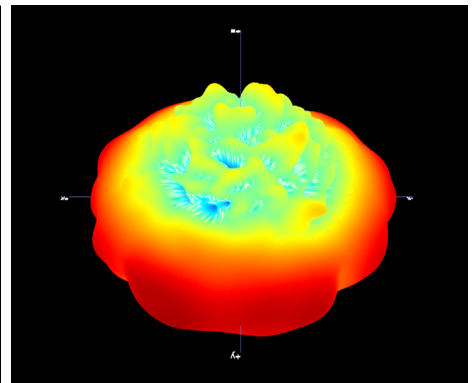
2305 MHz



3650 MHz

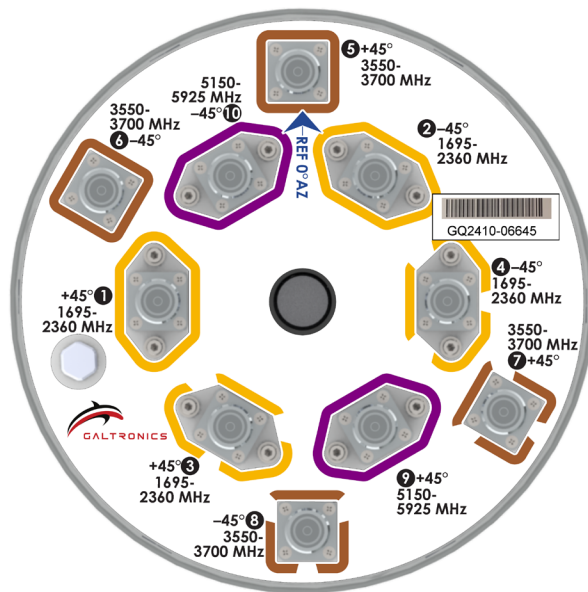
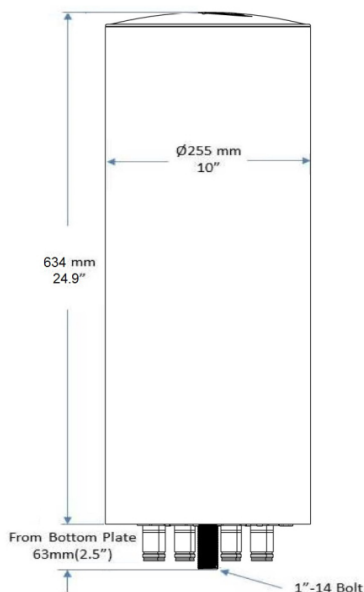


5250 MHz



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 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)

Part Numbers & Ordering Options

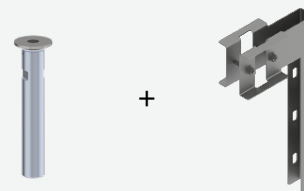
Description	Color	Mounting Kit	Part Number
Quasi-Omni Pattern Canister Antenna with 10° Midband FET and 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GQ2410-06645-1xx
	Brown		GQ2410-06645-6xx
	Black		GQ2410-06645-Bxx

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)