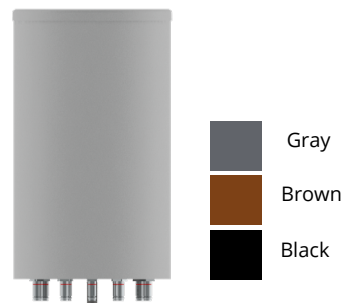


2' 10-Port Quasi-Omni Pattern Canister Antenna with MET [1695-2690, 3400-3800 and 5150-5925 MHz]

GQ2410-06895

Description:

- Quasi-Omni Canister Antenna for Outdoor DAS and Small Cells
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz with Manual Electrical Tilt (MET) and individual panel downtilt control
- 4x ports for CBRS Band 3400-3800 MHz
- 2x ports for U-NII Band 5150-5925 MHz*



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

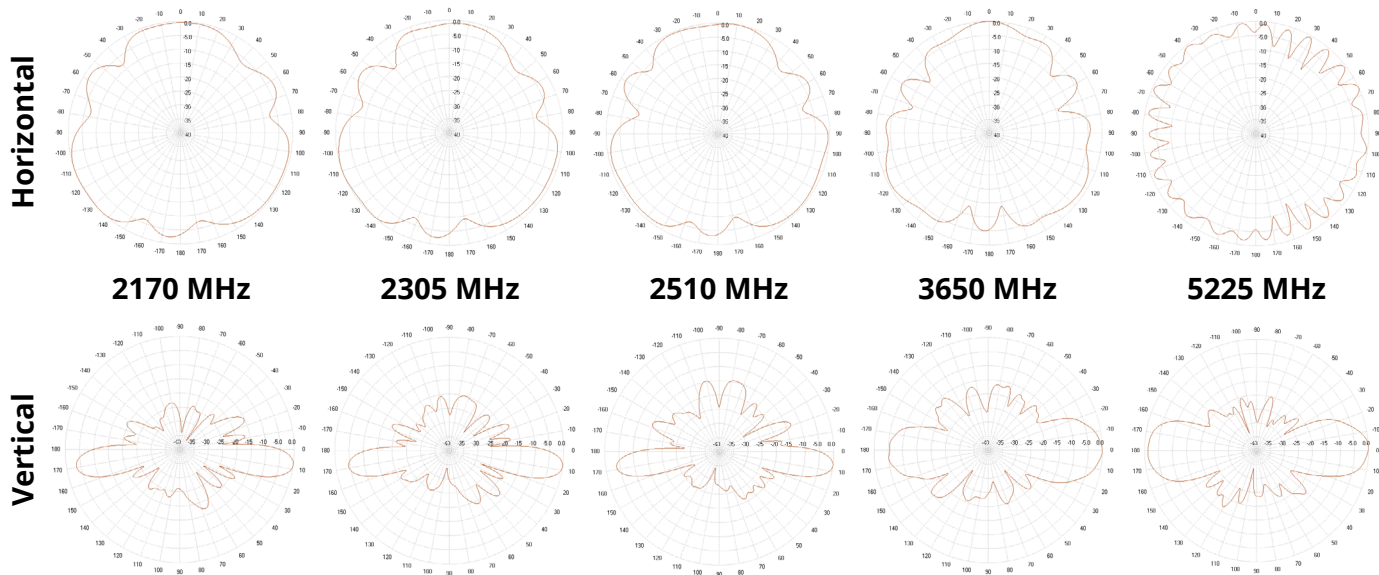
Frequency Band [MHz]	1695-2180	2300-2400	2496-2690	3400-3800	5150-5925
Input Connector Type	4x 4.3-10 (F)			4x 4.3-10 (F)	2x 4.3-10 (F)
VSWR (max.)/RL (min.)	1.5:1 / 14.0 dB				
Intraband Isolation (min.)	24 dB	28 dB	28 dB	24 dB	22 dB
Interband Isolation (min.)	28 dB				
Impedance	50 Ω				
Polarization	Dual slant 45° ($\pm 45^\circ$)				
Horizontal Beamwidth	Omni (360°)				
Vertical Beamwidth	14.6°	11.9°	10.8°	24.9°	22.0°
Gain (max.)	9.5 dBi	9.6 dBi	9.5 dBi	7.4 dBi	5.5 dBi
Gain (avg.)	8.7 dBi	8.9 dBi	8.7 dBi	6.8 dBi	4.4 dBi
Downtilt	2° -14° MET			0° Fixed	0° Fixed
Max Power / Port	100 Watts			50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc			N/A	N/A

Mechanical Specifications

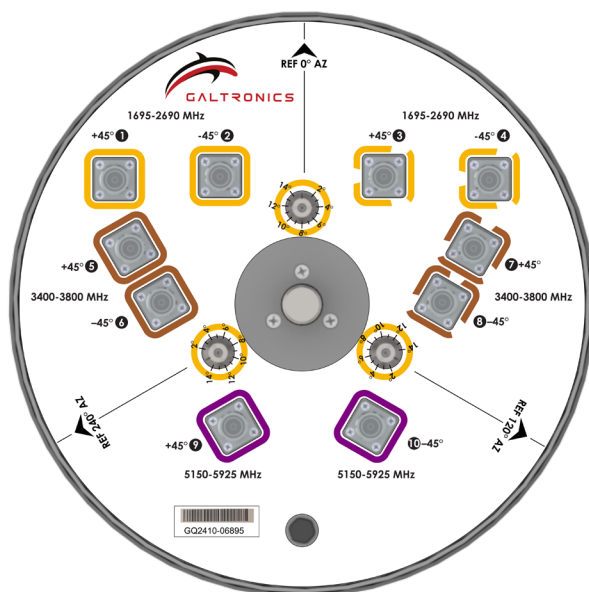
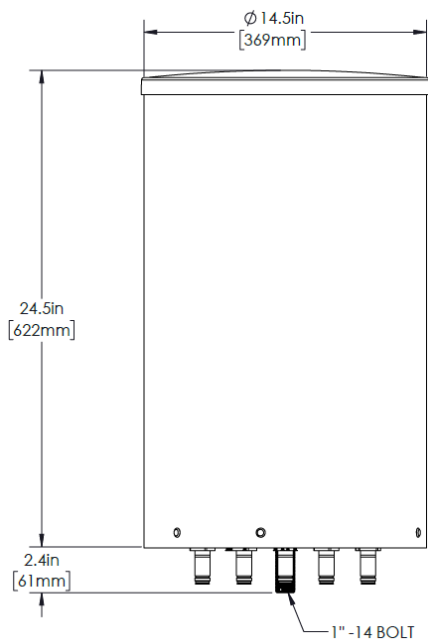
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	22.5 lbs (10.2 kg)
Antenna Dimension (Diameter x Height)	14.5" (369 mm) x 24.5" (622 mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

RFD#: 6895 ; Revision: R3 ; Release Date: May 06, 2020

2D Antenna Patterns



Mechanical Dimensions & Bottom Plate Labels



NOTE: Individual panel downtilt control for midband

Part Numbers & Ordering Options

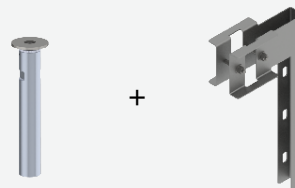
Description	Color	Mounting Kit	Part Number
Quasi-Omni Pattern Canister Antenna with 2-14° MET and 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GQ2410-06895-1xx
	Brown		GQ2410-06895-6xx
	Black		GQ2410-06895-Bxx

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)