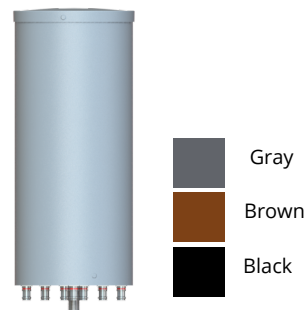


2' 10-Port Quasi-Omni Pattern Antenna w/6° FET [1695-2690, 3300-4200 and 5150-5925 MHz]

GQ2410-B6727

Description:

- Quasi-Omni Pattern Canister Antenna for Small Cell & Outdoor DAS
- 6° Fixed Downtilt in Midband 1695-2690 MHz
- 4x ports for AWS/PCS/WCS/BRS Bands 1695-2690 MHz
- 4x ports for 3300-4200 MHz
- 2x ports for U-NII-1/-2/-3/-4 Bands 5150-5925 MHz



1695-2690, 3300-4200 and 5150-5925 MHz
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

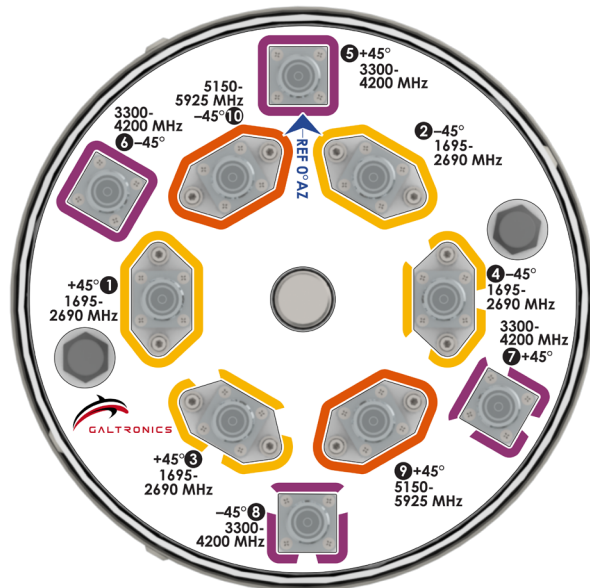
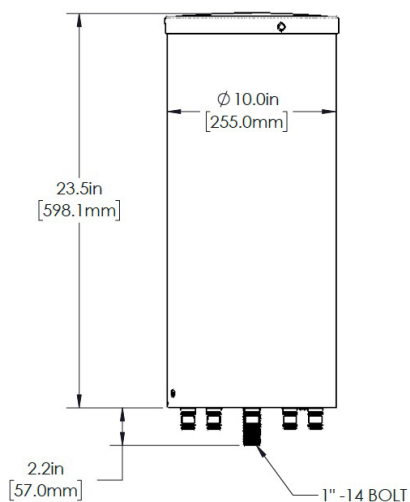
Electrical Specifications

Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Input Connector Type	4x 4.3-10 (F)			4x 4.3-10 (F)			2x 4.3-10 (F)
Isolation (min.)	20 dB	23 dB		20 dB	25 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	22.1°	17.8°	16.8°	19.5°	17.1°	16.0°	23.9°
Max. Gain	8.6 dBi	8.6 dBi	9.3 dBi	9.0 dBi	8.5 dBi	8.8 dBi	5.5 dBi
Avg. Gain	7.9 dBi	8.0 dBi	8.3 dBi	8.2 dBi	8.0 dBi	8.2 dBi	3.9 dBi
Downtilt	6° Fixed			0° Fixed			
Max Power / Port	100 Watts			100 Watts			1 Watt
PIM @ 2x43 dBm	<-153 dBc			<-145 dBc			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 23.5" (598.1mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

Mechanical Outline & Bottom Plate Labels



Mating Connector Torque:

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

Part Numbers & Ordering Options

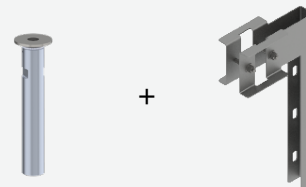
Description	Color	Mounting Kit	Part Number
10-Port Quasi-Omni Pattern Canister Antenna with 6° FET and 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GQ2410-B6727-1xx
	Brown		GQ2410-B6727-6xx
	Black		GQ2410-B6727-Bxx

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