

18" Pseudo Omni 6-Port Canister Antenna [698-896 and 1695-2690 MHz]

GQ1806-06832

Description:

- Compact Height Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells
- 2x ports for Low Band 698-896 MHz
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz
- 18" Height for Zoning Restricted Applications
- Optional Side and Top Mount Brackets Available

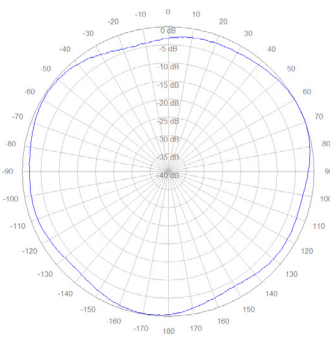


698-896 and 1695-2690 MHz
Pseudo Omni Canister Antenna

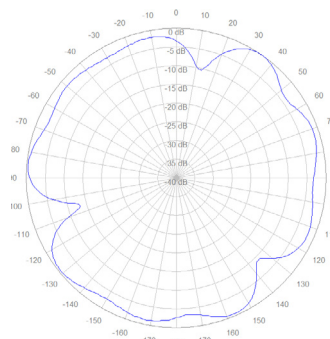
Electrical Specifications

Frequency Band [MHz]	698-806	806-896	1695-2180	2305-2360	2496-2690
Input Connector Type	2x 4.3-10(F)		4x 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	44°	37°	24°	19°	17°
Gain (max.)	5.9 dBi	5.6 dBi	8.0 dBi	8.2 dBi	8.5 dBi
Gain (avg.)	5.2 dBi	5.0 dBi	6.6 dBi	7.4 dBi	7.7 dBi
Downtilt	0° Fixed				
Max Power / Port	100 Watts				
PIM @ 2x43 dBm	<-153 dBc				

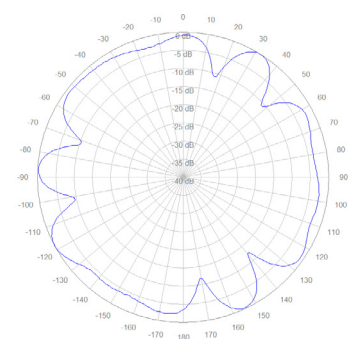
2D Antenna Patterns



740 MHz

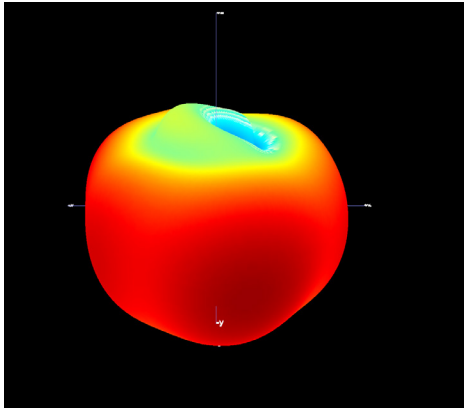


1980 MHz

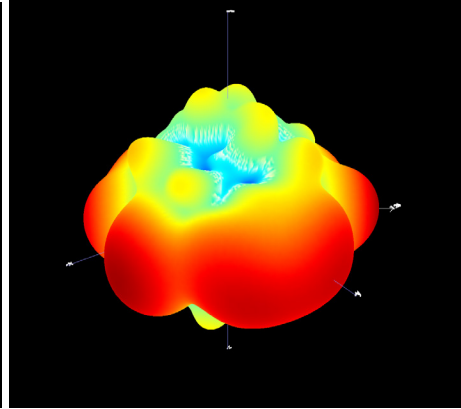


2599 MHz

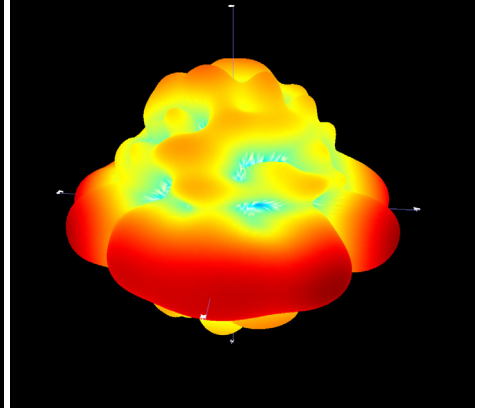
3D Antenna Patterns



740 MHz

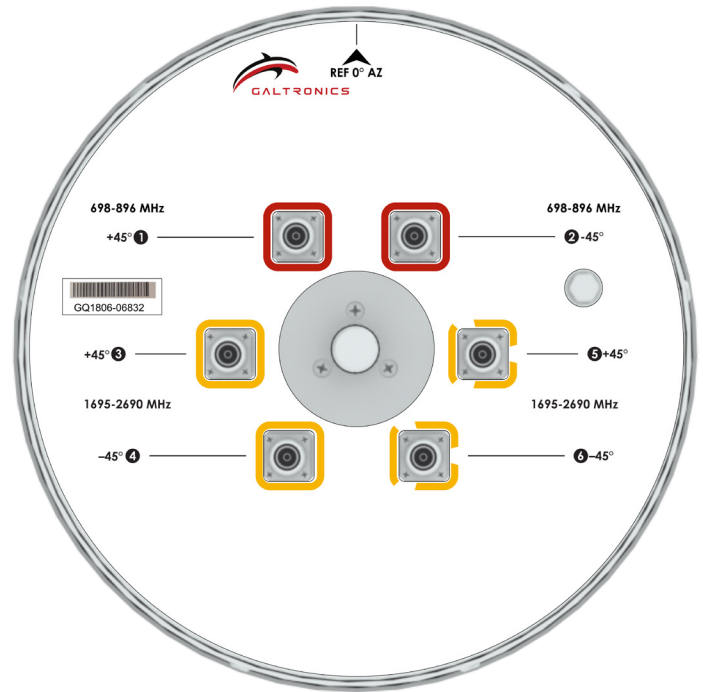
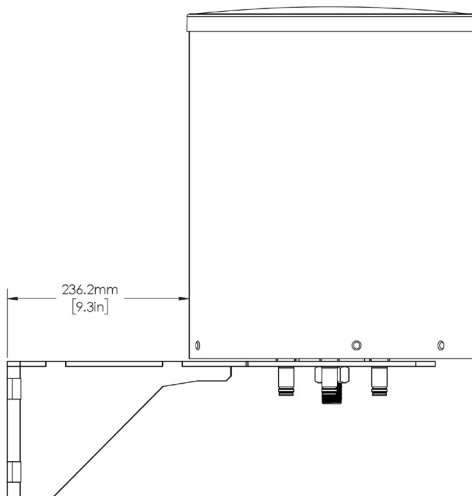
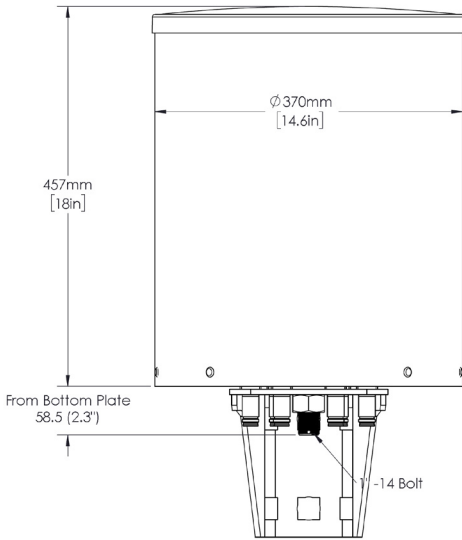


1980 MHz



2599 MHz

Antenna Dimension (with optional MK-06874 Bracket) and Bottom View with Port Labelling



RFD#06832 ; Revision: 0.1 ; Release Date: September 05, 2018


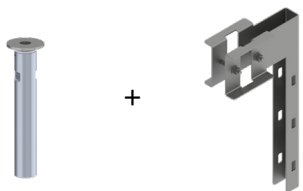
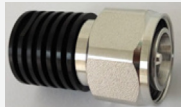
Part Numbers, Ordering Options

Description:	Part Number:
Antenna with 6x 4.3-10(F) Connectors, Gray	GQ1806-06832-111
Antenna with 6x 4.3-10(F) , Gray (including MK-06874 mounting bracket)	GQ1806-06832-112

Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	25 lbs (11.4 kg)
Antenna Dimension (Diameter x Height)	14.6" (370 mm) x 18" (457 mm)
Radome Material	ASA
Radome Color	Gray
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

Optional Accessories:

<p>Side Mount Bracket for Canister, Pole Top (wind speed of 150 mph) [OPTIONAL]</p> <p>This optional side mount bracket offers an easy installation solution to mount the antenna to the a pole.</p>	 <p>MK-06874</p>
<p>Mounting Kit Assembly, Canister, Pole Top (wind speed of 150 mph) [OPTIONAL]</p> <p>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).</p> <p>Note: 1" Rod Adapter (MK-06678) and Pole Top Mounting Bracket (MK-06679) may be ordered separately.</p>	 <p>MK-06761</p>
<p>Low Power 50 Ohm Termination Load</p>	 <p>TL-06816-102 (Sold Separately)</p>

Mating Connector Torque:

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

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