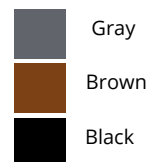


2' 10-Port Single Beam Canister Antenna [1695-2690, 3400-3800 and 5150-5925 MHz]

GC2410-06843

Description:

- Single Beam Canister Antenna for Outdoor DAS and Small Cells
- 4x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz
- 4x ports for CBRS Band 3400-3800 MHz
- 2x ports for U-NII Band 5150-5925 MHz*
- Aesthetically pleasing canister to provide single beam fill-in coverage



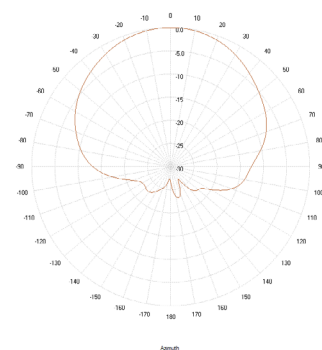
1695-2690, 3400-3800 and 5150-5925 MHz
Single Beam Canister Antenna

*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

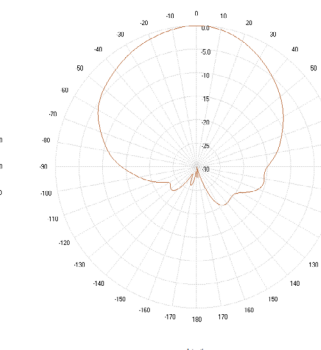
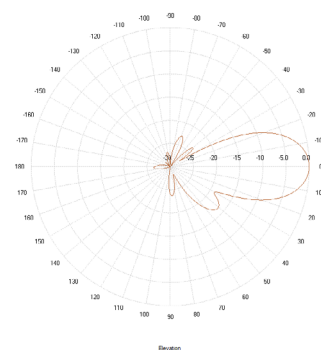
Electrical Specifications

Frequency Band [MHz]	1695-2180	2305-2360	2496-2690	3400-3800	5150-5925
Input Connector Type	4x 4.3-10 (F)			4x 4.3-10 (F)	2x 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° ($\pm 45^\circ$)				
Horizontal Beamwidth	73°	66°	66°	60°	88°
Vertical Beamwidth	22.9°	18.8°	17.4°	20.4°	23.9°
Gain (max.)	13.6 dBi	13.4 dBi	14.1 dBi	13.6 dBi	5.5 dBi
Gain (avg.)	12.1 dBi	13.0 dBi	13.5 dBi	12.7 dBi	4.8 dBi
Downtilt	0° Fixed				
Max Power / Port	100 Watts			50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc			N/A	N/A

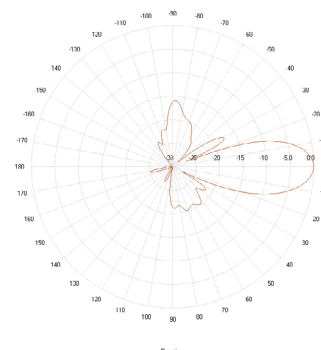
2D Antenna Patterns

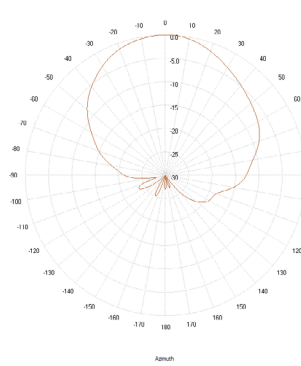


1800 MHz

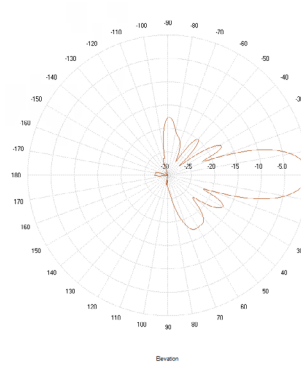


2355 MHz

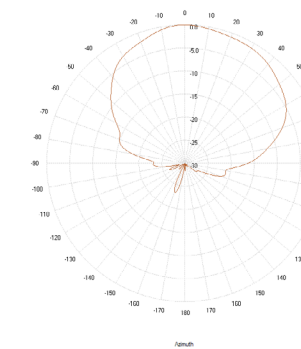
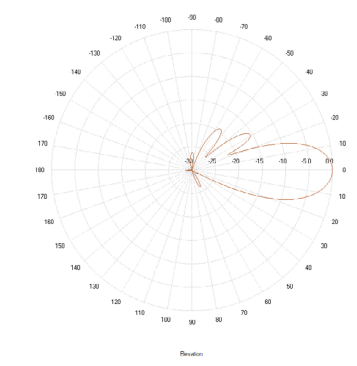
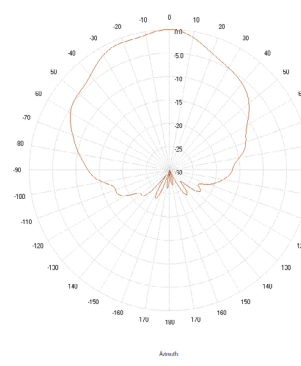




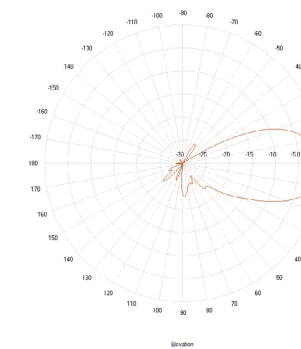
2523 MHz



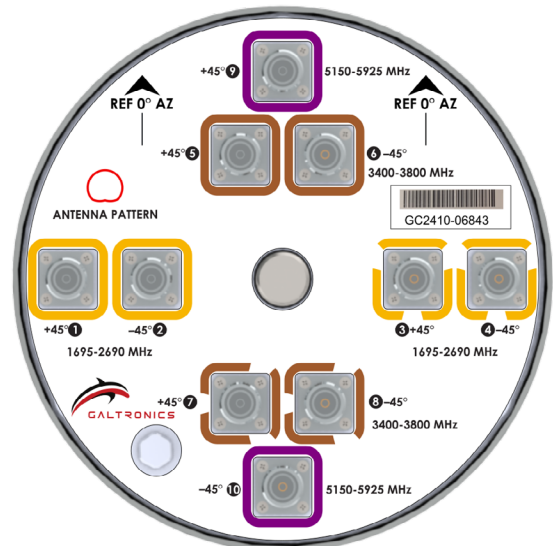
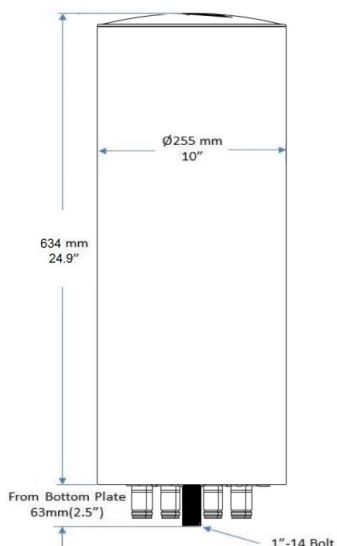
3650 MHz



5225 MHz



Mechanical Dimensions & Bottom Plate Labels



Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	16.5 lbs (7.5 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

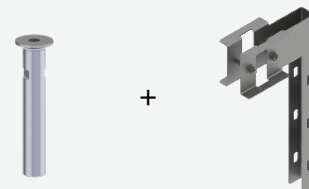
Description	Color	Mounting Kit	Part Number
Single Beam Canister Antenna with 10x 4.3/10 Connectors	Gray	Includes MK-06761 Mounting Kit	GC2410-06843-1xx
	Brown		GC2410-06843-6xx
	Black		GC2410-06843-Bxx

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)