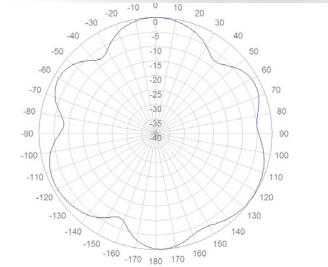


**10" x 24" Outdoor Pseudo Omni Canister Antenna [1695-2400, 3550-3700 and 5150-5950 MHz]**

# EXTENT™ P6480i

**Description:**

- Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells.
- 4x ports for AWS/PCS/WCS Band 1695-2400 MHz
- 4x ports for CBRS Band 3550-3700 MHz
- 2x ports for 5GHz Band 5150-5950 MHz



1695-2400, 3550-3700 and 5150-5950 MHz Pseudo Omni Canister Antenna

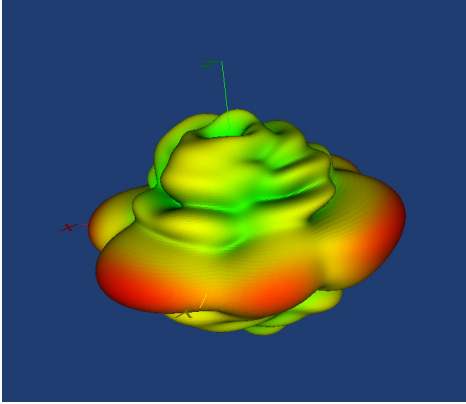
**Electrical Specifications**

Frequency Band [MHz]	1695-2180	2180-2400	3550-3700	5150-5950
Input Connector Type	4x 4.3-10 DIN(F)		4x 4.3-10 DIN(F)	2x 4.3-10 DIN(F)
Isolation (typ.)	-20 dB		-25 dB	-25 dB
Inter-band Isolation	-30 dB (typ)		-30 dB (typ)	-30 dB (typ)
VSWR/Return Loss	1.5:1(Typ.) 1.7:1(Max.) / 14.0 dB(Typ.) 11.8dB(Max.)			
Impedance	50 Ω			
Polarization	Dual slant 45° (±45°)			
Horizontal Beamwidth	Omni (360°)			
Vertical Beamwidth	15°	12°	15°	19°
Max. Gain	9 dBi	9.5 dBi	8.5 dBi	6 dBi(Max.)
Avg. Gain	7.5 dBi	8 dBi	8 dBi	3 dBi
Downtilt	0°			
Max Power / Port	150 Watts		100 Watts	10 Watts
PIM @ 2x43 dBm	<-153 dBc		N/A	N/A

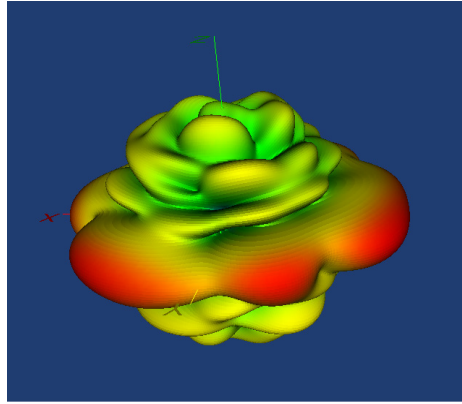
**Mechanical Specifications**

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	19 lbs (9 kg)
Antenna Diameter	10" (254 mm)
Antenna Height	24.7" (628 mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray, Brown, 3M™ Conceal Film, Custom Colors Possible
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)
Shipping Dimensions - L x W x D	30"x19"x19" (762x483x483 mm)
Shipping Weight (Gross Weight)	26 lbs (12 kg)

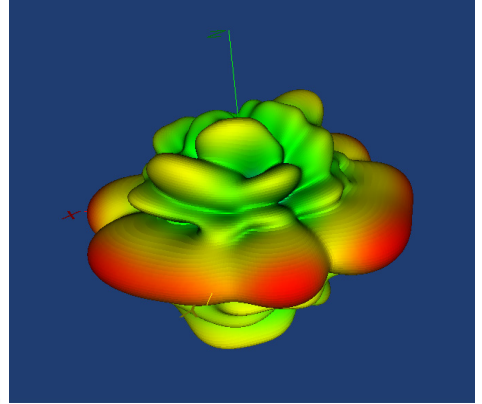
**3D Antenna Patterns**



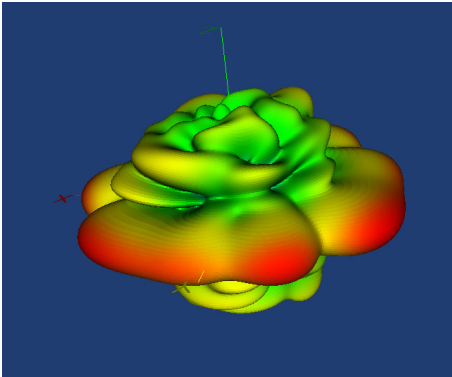
**1730MHz**



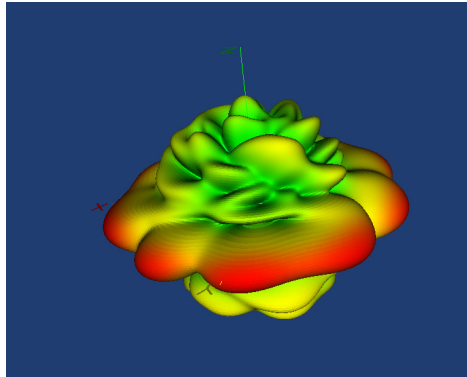
**1930MHz**



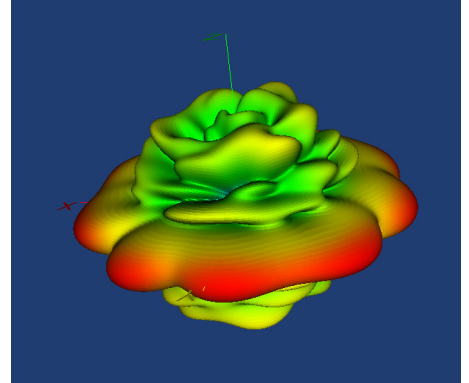
**2130MHz**



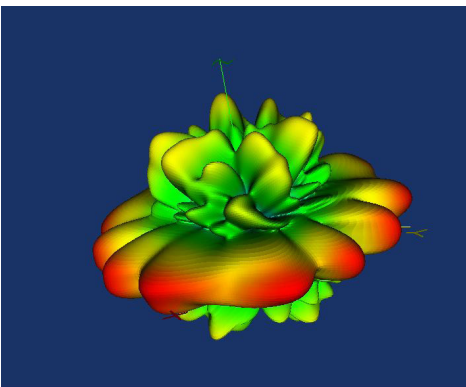
**2170MHz**



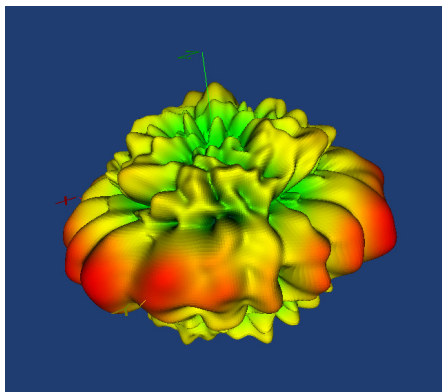
**2320MHz**



**2355MHz**



**3650MHz**



**5250MHz**

Release Date: March 02, 2017; Revision: S-1 : RFD#6480

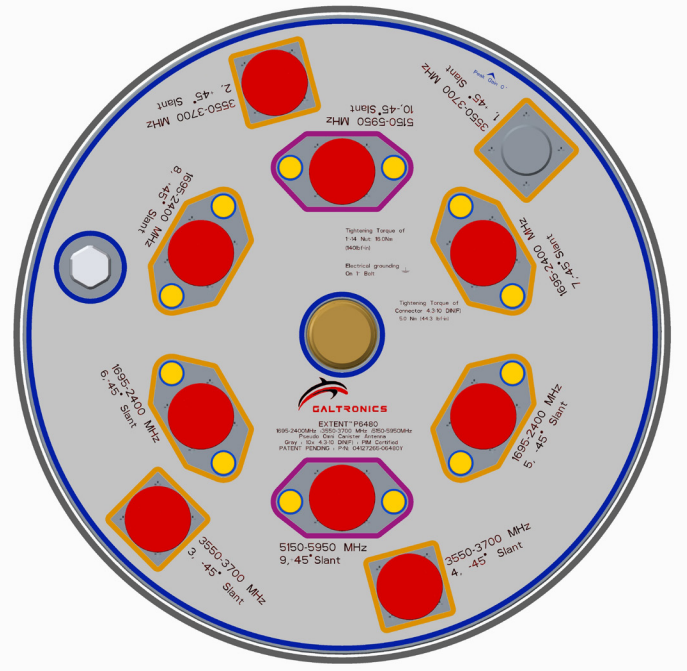
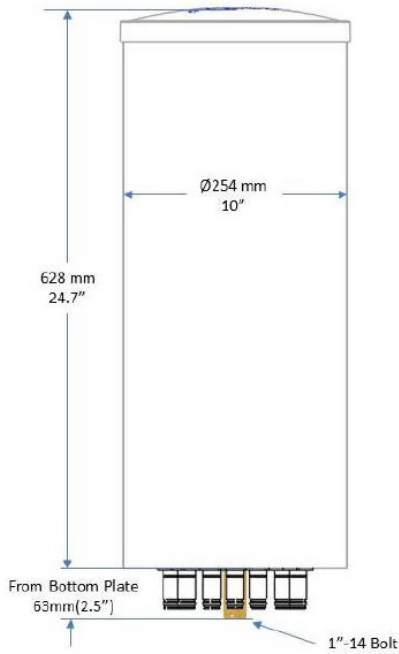


**GALTRONICS**

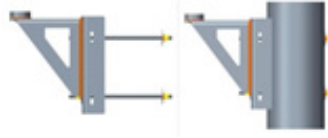
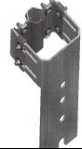

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**Additional Technical Information**

**Mechanical Dimensions**



**Part Numbers, Ordering Options and Accessories**

Description:	Part Number:
Antenna with 10x 4.3-10 DIN (F) Connectors, Gray	04127265-06480-1
Antenna with 10x 4.3-10 DIN (F) Connectors, Brown	04127265-06480-6
Antenna with 10x 4.3-10 DIN (F) Connectors, Chrome (3M™ Conceal Film)	04127265-06480-C
Mounting Bracket(s):	Part Number:
<b>Pole Side Mounting Bracket (wind speed of 150 mph)</b> Offers easy pole side installation.	 62-50-09
<b>Pole Top Mounting Bracket (wind speed of 150 mph)</b> Bracket base attached directly to wood, metal and cement poles.	 62-20-09
<b>1" Mount Rod Adapter (wind speed of 150 mph)</b> Universal interface for pole top installation.	 62-57-09

**Matting Male Connector Torque:**  
4.3-10: 3.7 ft-lb ( 5 Nm)

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