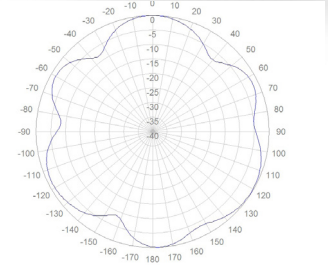


10" x 24" Outdoor Pseudo Omni Canister Antenna [1695-2400, 3550-3700 and 5150-5950 MHz]

EXTENT™ P6480i

Description:

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



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

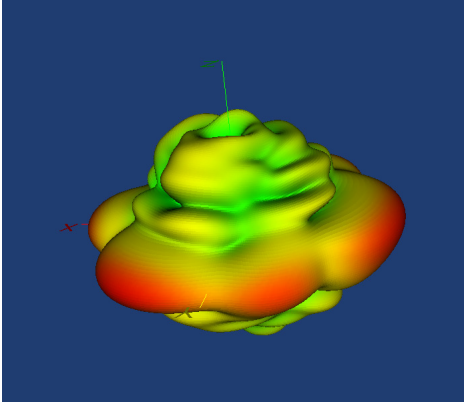
Electrical Specifications

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)			
VSWR/Return Loss	1.5:1 / 14.0 dB (Typ.)			
Impedance	50 Ω			
Polarization	Dual slant 45° ($\pm 45^\circ$)			
Horizontal Beamwidth	Omni (360°)			
Vertical Beamwidth	15°	12°	15°	19°
Max. Gain	9 dBi	9.5 dBi	8.5 dBi	5.5 dBi(Max.)
Avg. Gain	7.5 dBi	8 dBi	8 dBi	3 dBi
Downtilt	0° Fixed			
Max Power / Port	100 Watts		50 Watts	1 Watts
PIM @ 2x43 dBm	<-153 dBc		N/A	N/A

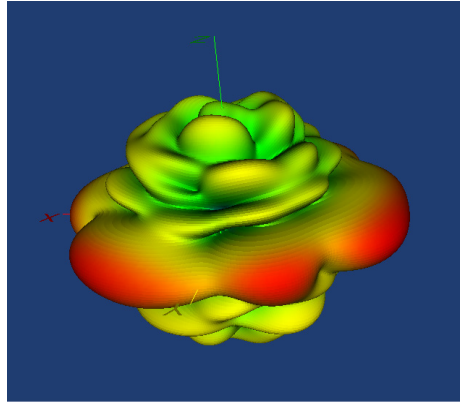
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	23 lbs (~10.5kg)
Antenna Diameter	10" (254 mm)
Antenna Height	24.9" (634 mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray, Brown, Black, 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)	30 lbs (12 kg)

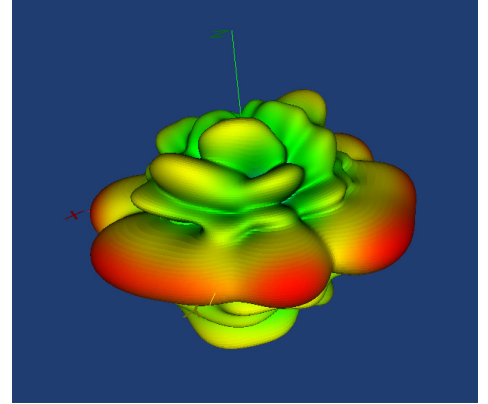
3D Antenna Patterns



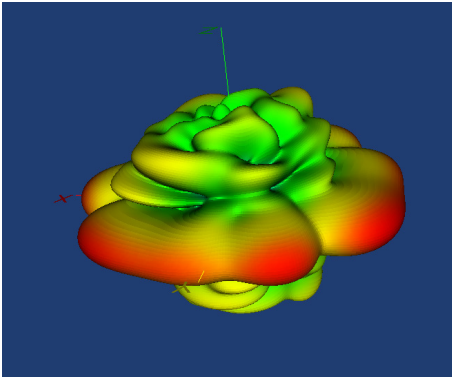
1730MHz



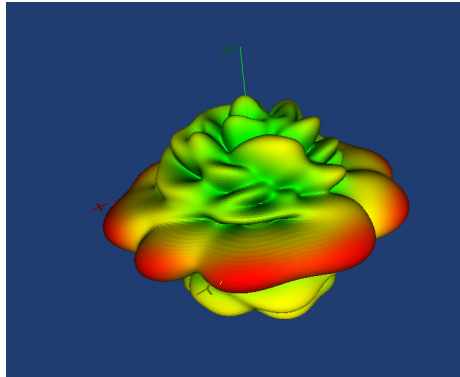
1930MHz



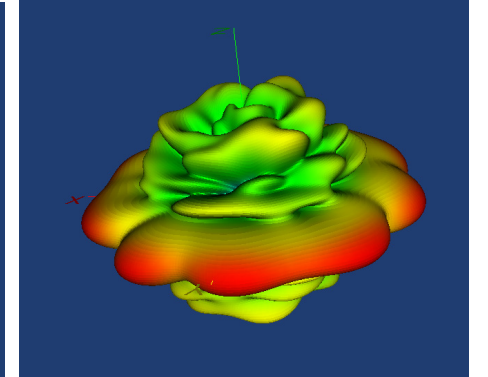
2130MHz



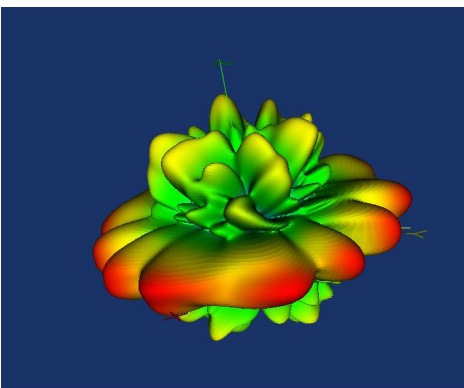
2170MHz



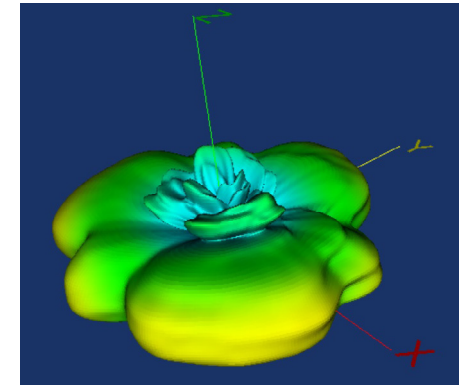
2320MHz



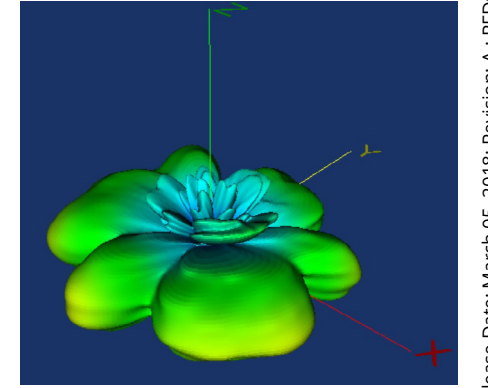
2355MHz



3650MHz



5200MHz

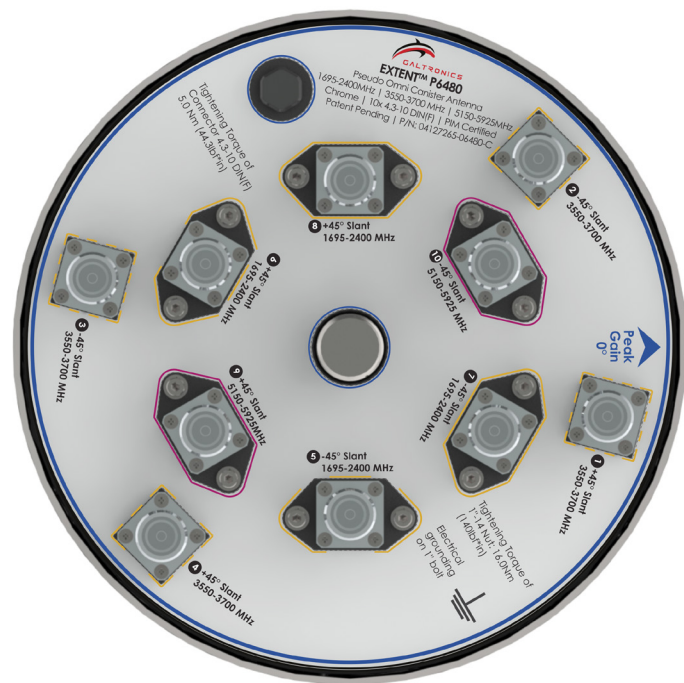
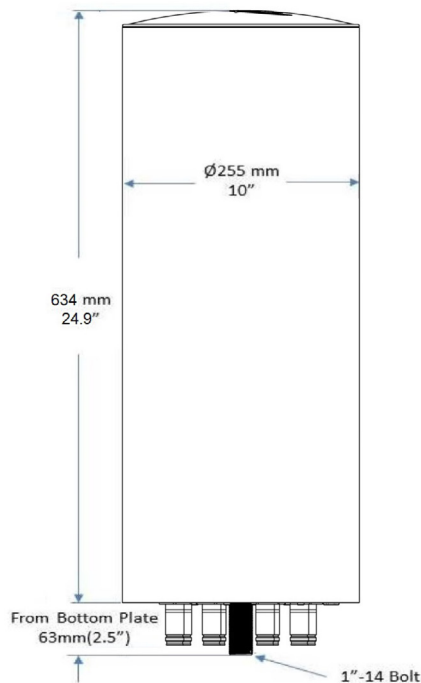


5850MHz

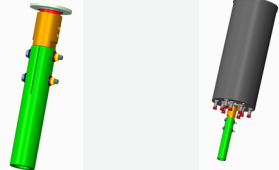
Release Date: March 05, 2018; Revision: A : RFD#6480

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, Black	04127265-06480-B
Antenna with 10x 4.3-10 DIN (F) Connectors, Chrome (3M™ Conceal Film)	04127265-06480-C
Mounting Bracket(s):	Part Number:
Pole Side Mounting Bracket (wind speed of 150 mph) Offers easy pole side installation.* *Not recommended for placement parallel to a pole/structure due to insufficient spacing.	 62-50-09
Pole Top Mounting Bracket (wind speed of 150 mph) Bracket base attached directly to wood, metal and cement poles.	 62-20-09
1" Mount Rod Adapter (wind speed of 150 mph) 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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