

**7" x 24" Outdoor Broadband Pseudo Omni Antenna [1695-2700 MHz]**

# EXTENT™ P5943

**Description:**

- Broadband Pseudo Omni Antenna for Outdoor DAS and Small Cell Applications.
- B2/B4/B25/B41 [1695-2700MHz].



1695-2700 MHz Pseudo Omni Canister Antenna

Electrical Specifications					
Frequency Band [MHz]	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700
Input Connector Type	2x 7-16(F) DIN or 4.3-10(F) DIN, Long Neck				
Isolation (Typ.)	-25 dB				
VSWR/Return Loss	<1.5:1 / 14.0 dB				
Impedance	50 Ω				
Polarization	Dual slant 45° (±45°)				
Horizontal Beamwidth	Omni (360°)				
Vertical Beamwidth	16°	15°	13°	12°	11°
Max. Gain	<b>8.0 dBi</b>	<b>8.8 dBi</b>	<b>8.9 dBi</b>	<b>9.8 dBi</b>	<b>9.8 dBi</b>
Avg. Gain	7.5 dBi	8.1 dBi	8.2 dBi	9.2 dBi	9.1 dBi
Downtilt	3° fixed				
USLS - First Lobe	13 dB				
XPR	15 dB				
Max Power / Port	200 Watts				
PIM @ 2x43 dBm	<-153 dBc				

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	9.3 lbs (4.2 kg)
Antenna Diameter	7.0" (178 mm)
Antenna Height	24.4" (620mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray or Brown
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	125 mph (240 km/h)
Shipping Dimensions - L x W x D	31.1"x10.4"x10.4" / 790x265x265mm
Shipping Weight (Gross Weight)	17.5 lbs (5.7 kg)

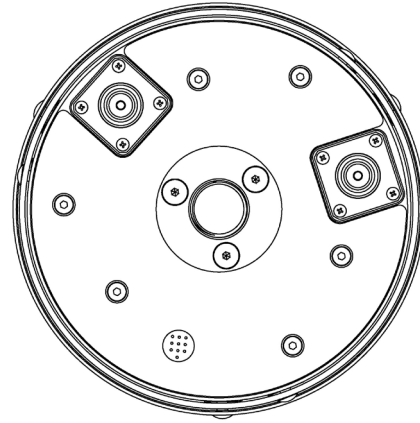
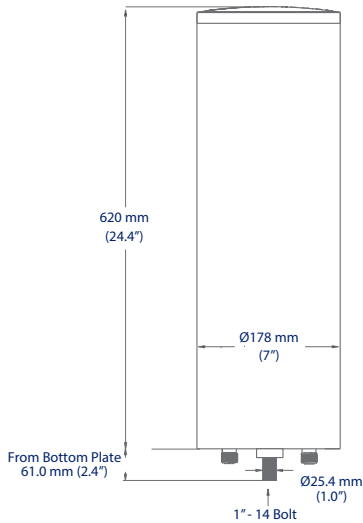


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## Additional Technical Information

### Mechanical Dimensions



### Part Numbers, Ordering Options and Accessories

Description:	Part Number:	
	without GPS module	with GPS module
<b>Antenna with 2x 7-16 DIN (F) Connectors - Gray</b>	04119250305943-1	04119250305G5943-1
<b>Antenna with 2x 7-16 DIN (F) Connectors - Brown</b>	04119250305943-6	041192503G5943-6
<b>Antenna with 2x 4.3-10 DIN (F) Connectors - Gray</b>	04127250305943-1	041272503G5943-1
<b>Antenna with 2x 4.3-10 DIN (F) Connectors - Brown</b>	04127250305943-6	041272503G5943-6
Mounting Bracket(s):	Part Number:	
<b>Pole Mounting Bracket (wind speed of 125 mph)</b> This optional bracket offers easy pole side installation.* * Not recommended for placement parallel to a pole/structure due to insufficient spacing.		62-50-09
<b>Pole Top Mounting Bracket (wind speed of 150 mph) - OPTIONAL</b> Bracket base attached directly to wood, metal and cement poles.		62-20-09
<b>1" Mount Rod Adapter (wind speed of 150 mph) - OPTIONAL</b> Universal interface for pole top installation.		62-57-09

Release Date: March 05, 2018; Revision: 1.0 : RFD#5943

**Mating Connector Torque:**

7-16: 18.4 ft-lb (25 Nm)  
4.3-10: 3.7 ft-lb (5 Nm)

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