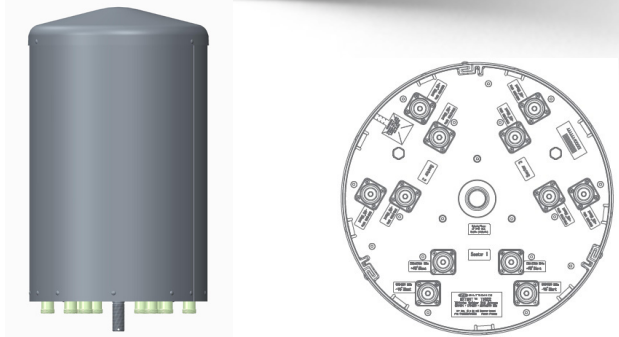


14" x 24" Outdoor Broadband Tri-Sector Canister Antenna [698-960, 1710-2700 MHz]

EXTENT™ T5622

Description:

Broadband cross-polarized tri-sector antenna for applications such as outdoor distributed antenna systems (DAS).

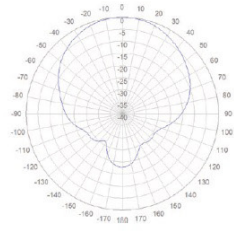


698-960, 1710-2700 MHz Outdoor Tri-sector Canister Antenna

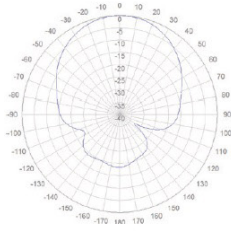
Electrical Specifications							
Frequency Band [MHz]	698-824	824-894	894-960	1710-1900	1900-2180	2300-2360	2360-2700
Input Connector Type	12x 7-16 or 12x 4.3-10 DIN female						
In-Band Isolation	< -25 dB (Typ)						
Inter-Band Isolation	< -35 dB (Typ)						
VSWR	<1.6:1			<1.6:1		<1.7:1	
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Azimuth HPBW (±5°)	63°	62°	58°	65°	65°	70°	90°
Elevation HPBW (±3°)	40°	35°	33°	19°	18°	16°	15°
Gain / Sector (±1dBi)	10 dBi	11 dBi	11 dBi	12 dBi	12 dBi	12 dBi	11.5 dBi
Downtilt	0° fixed						
Ripple (±2dB) in omni mode with external combiners	5 dB			8 dB			
XPR	10 dB						
Max Power / Port	250 Watts			200 Watts			
PIM @ 2x43 dBm	<-150 dBc						

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	28.9 lbs (13.1 kg)
Antenna Diameter	14.5" (370mm)
Antenna Height	24" (611mm)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray or Brown
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (240 kph)
Shipping Dimensions - L x W x D	30.0"x19.0"x19.0" / 762x483x483mm
Shipping Weight (Gross Weight)	39.0 lbs (17.7 kg)

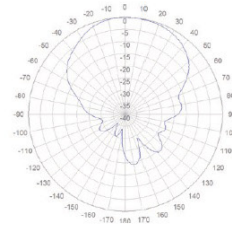
TRI-SECTOR MODE - PATTERNS:



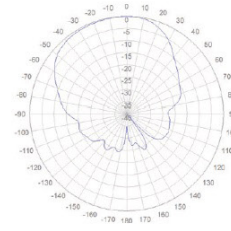
704 MHz



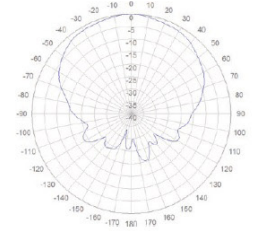
851 MHz



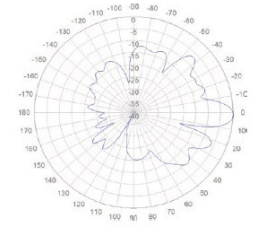
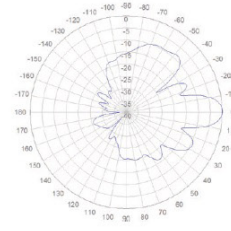
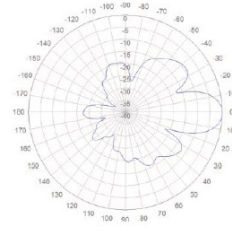
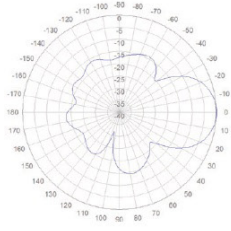
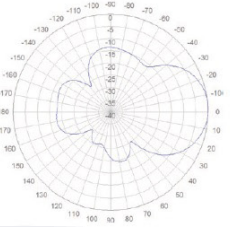
1830 MHz



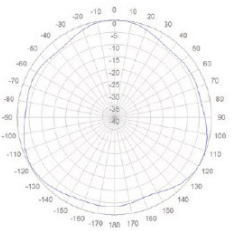
2310 MHz



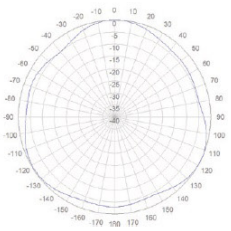
2630 MHz



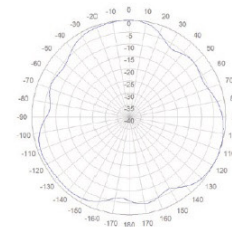
OMNI MODE - PATTERNS (when used with external combiners):



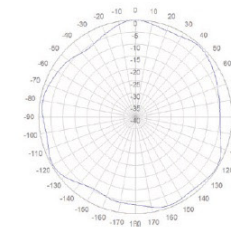
704 MHz



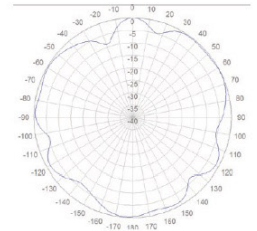
851 MHz



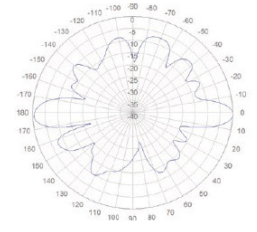
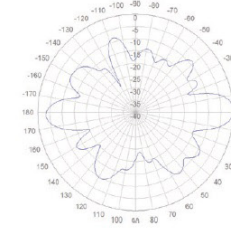
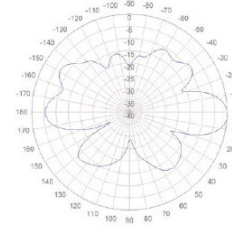
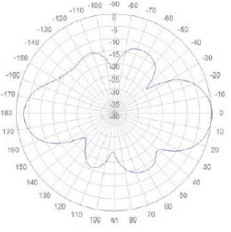
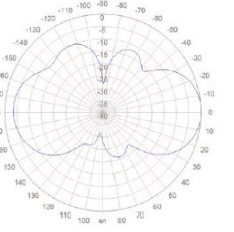
1830 MHz



2310 MHz



2630 MHz



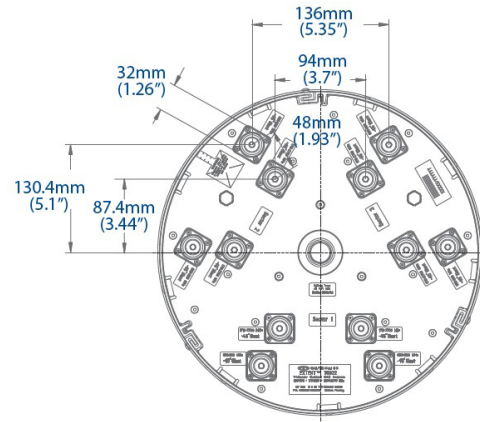
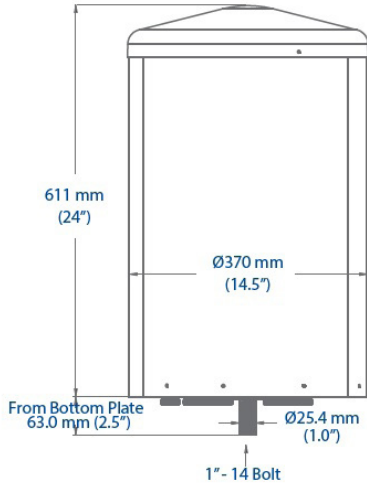


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Additional Technical Information

Mechanical Dimensions



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 12x 7-16 DIN (F) Connectors, Gray	04119261-05622-1
Antenna with 12x 7-16 DIN (F) Connectors, Brown	04119261-05622-6
Antenna with 12x 4.3-10 DIN (F) Connectors, Gray	04127261-05622-1
Antenna with 12x 4.3-10 DIN (F) Connectors, Brown	04127261-05622-6
Mounting Bracket(s):	Part Number:
Pole Top Mounting Adapter (wind speed of 150 mph) Offers easy, robust and reliable pole top installation.	  62-53-09
Heavy Duty Side Pole Mount (wind speed of 150 mph): offers an easy, robust and reliable solution to mount Galtronics Outdoor DAS Antennas	 62-55-09
Heavy Duty Pole Top Mounting Bracket (wind speed of 150 mph) Bracket base attached directly to wood poles. Works with the adaptor above (62-53-09).	 62-20-09

Matting Male Connector Torque:

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

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