

60°/60° Narrow Beam Directional Antenna [698-960MHz, 1695-2700 MHz]

EXTENT™ D5778i

Description:

- Single-sector MIMO antenna for high capacity venues.
- 60°/60° dual-polarized beam width covering 698-960MHz and 1695-2700MHz.



698-960MHz, 1695-2700 MHz, Directional Panel Antenna

Electrical Specifications

Frequency Band [MHz]	698-790	790-960	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700
Input Connector Type	2x 4.3-10(F) DIN						
Isolation (typ.)	-25 dB						
VSWR/Return Loss	<1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Dual slant 45° (±45°)						
Horizontal Beamwidth (°)	59	60	55	60	63	68	60
Vertical Beamwidth (°)	67	62	70	68	62	50	45
Max. Gain (dBi)	8.8	8.6	8.8	8.6	8.8	9.4	9.5
Avg. Gain (dBi)	8.1	8.0	8.2	8.1	8.2	8.4	8.9
Front to Back Ratio (dB)	20			25			
Max Power / Port	150 Watts			125 Watts			
PIM @ 2x43 dBm	<-153 dBc						

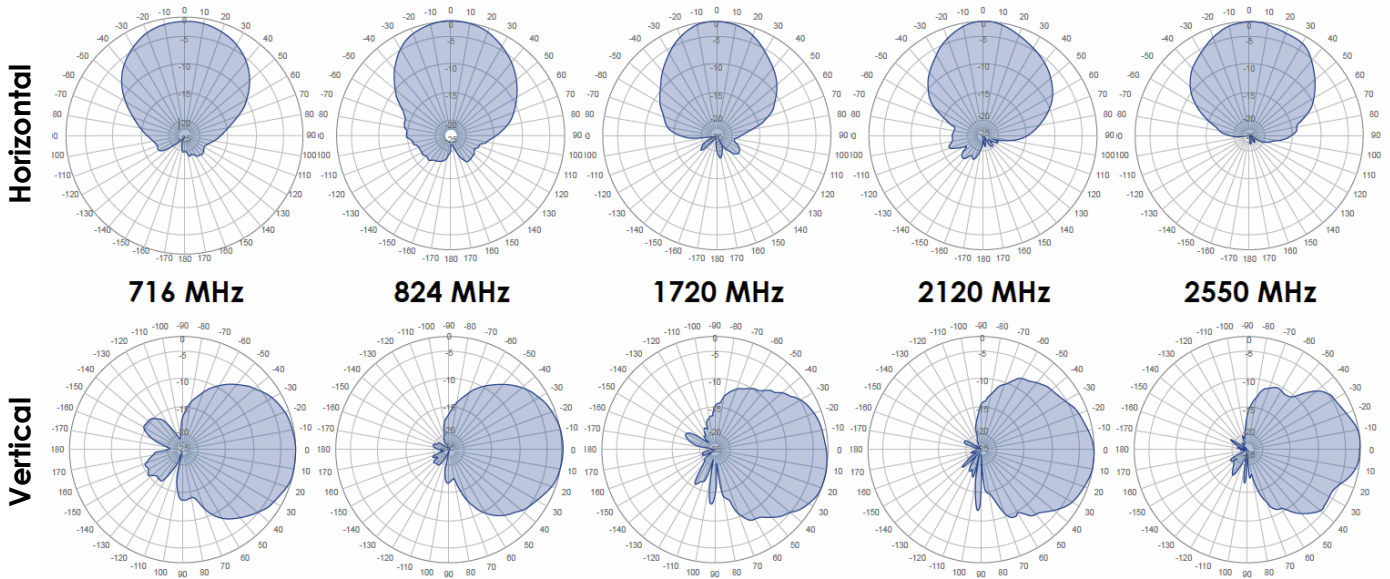
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	5.73 lbs (2.6 kg)
Antenna Dimension (HxWxD)	13.8" (350mm) x 13.2" (335mm) x 5.0" (127 mm)
Radome Material	PC/ABS
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	170 mph (274 km/h)


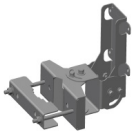
* Radome can be painted with recommended paint "Krylon fusion for plastic"

Additional Technical Information

Antenna Patterns



Part Numbers, Ordering Options and Accessories

Description	Part Number:
60°/60° Narrow Beam Directional Antenna with 2x 4.3-10 (F) Connectors	04127261-05778-1
Mounting Bracket(s)	Part Number:
1 or 2 Axis Pole/Wall Mounting Bracket (wind speed up to 170 mph) The mounting bracket allows wall and pole mounting with flexible and continuous antenna adjustment in the horizontal and vertical plane.	 62-45-09 [Included]
2 Axis Pole/Wall Mounting Bracket (wind speed up to 170 mph) This mounting bracket offers an easy installation solution of mounting all Galtronics' Stadium Antennas to either a pole or a wall.	 62-28-09 [Optional]

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

RFD#: 5778 ; Revision: R2 ; Release Date: April 27, 2022;