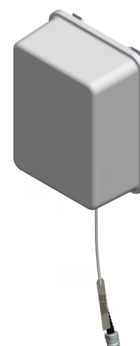


Mini SISO Indoor/Outdoor Directional Panel Antenna [617-960, 1695-2690 & 3300-4200 MHz]

GI1001-B5490

Description:

- Directional SISO antenna for indoor/outdoor DAS applications
- Vertically polarized design covering 600 MHz/LTE700/CELL850, AWS/DCS/PCS/WCS/BRS and Wideband 3.5 GHz frequencies
- Bottom access 4.3/10(F) pigtail for wall or pole mounting
- Includes wall mounting bracket, optional 2-axis swivel bracket



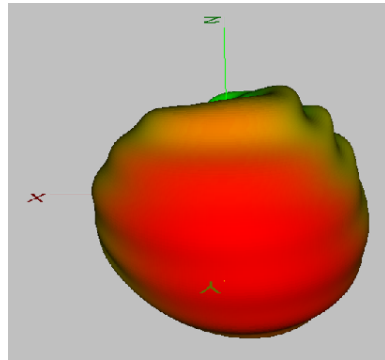
Electrical Specifications

Frequency Band [MHz]	617-698	698-896	896-960	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	1x 4.3-10(F) w/ pigtails (12", 30cm) - Bottom Access								
VSWR / RL (dB)	1.67:1/12.0	1.5:1/14.0	1.67:1/12.0	1.5:1/14.0	1.67:1/12.0		1.5:1/14.0		
Polarization	Vertical								
Impedance (Ω)	50								
Horizontal Beamwidth (°)	99	88	83	95	109	70	90	112	93
Vertical Beamwidth (°)	84	66	51	71	54	56	47	43	52
Gain (dBi, max.)	6.4	7.5	8.3	5.7	6.6	6.2	6.6	6.8	8.1
Gain (dBi, avg.)	5.3	6.8	7.9	5.2	6.2	5.8	6.0	6.5	7.1
Front-to-Back Ratio (dB)	17			20					
Downtilt (°)	0 FET								
Max Power (Watt)	50								
PIM @ 2x43 dBm (dBc)	-153						-145		

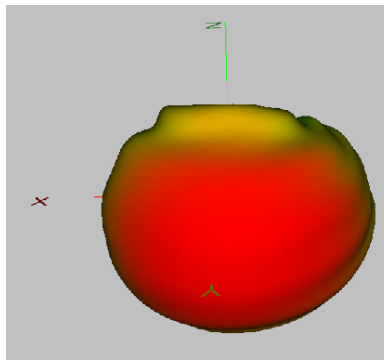
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	2.0 lbs (0.91 kg)
Mounting Bracket Weight (62-29-03, Optional)	1.3 lbs (0.60 kg)
Antenna Dimension (HxWxD)	10.2" (259 mm) x 8.0" (203 mm) x 3.9" (100 mm)
Radome Material & Color	ASA, White
Pigtail	Plenum Rated
RoHS	Compliant
Environment Rating	Indoor / Outdoor(IP65)

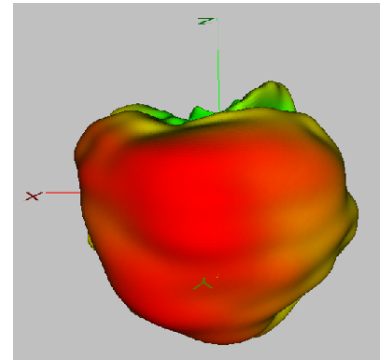
3D Antenna Patterns



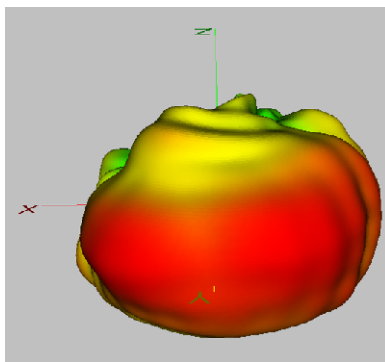
750 MHz



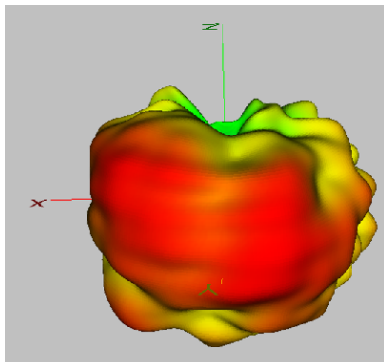
850 MHz



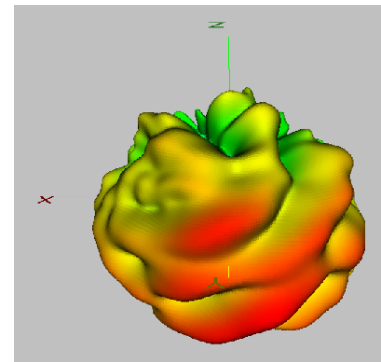
2110 MHz



2500 MHz



3300 MHz

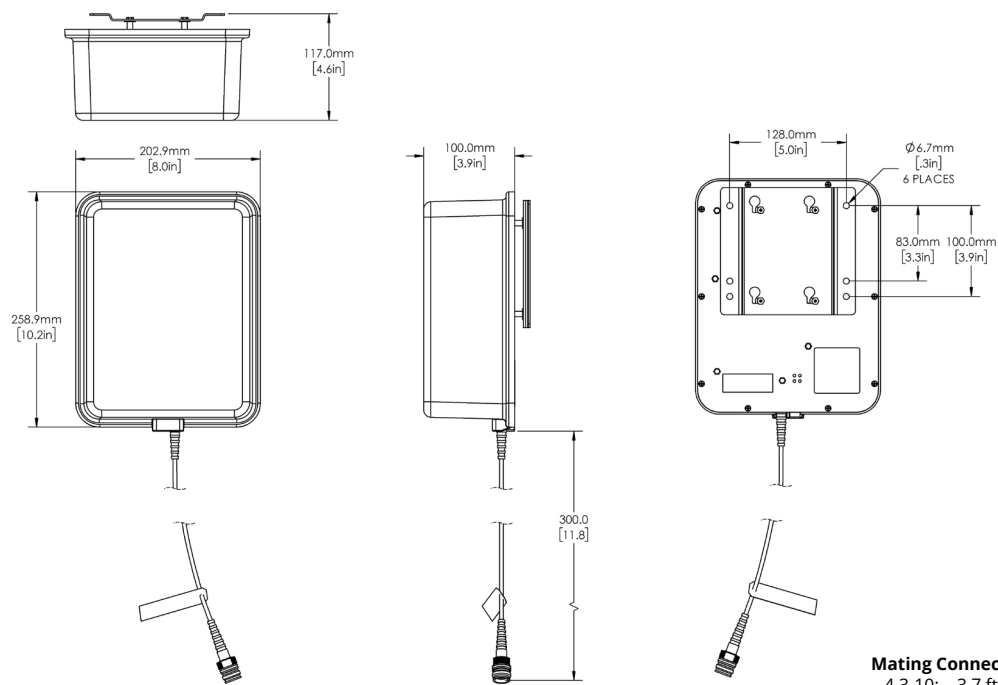


3900 MHz

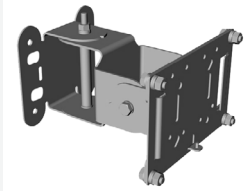
3D Pattern Notes:

3D images above denote Z-axis (green) pointed towards ceiling and Y-axis pointing towards front of antenna, which corresponds to 0° in pattern files.

Antenna Outline



Part Numbers, Ordering Options			
Description	Color	Mounting Kit	Part Number
Indoor/Outdoor Directional SISO Panel Antenna w/1x 4.3/10(F) Pigtail	White	Includes Wall Mounting Plate	GI1001-B5490-112

Part Numbers, Ordering Options and Accessories	
Description	Part Number
Mounting Plate Installation [Standard, Included with Antenna] After affixing the mounting plate to the wall, then mount the antenna on to the mounting plate by sliding it into the slots and securing it with the provided fasteners.	
Swivel Mounting Bracket (Optional) This swivel mounting bracket offers an easy installation solution to mount Galtronics' PEAR panel antennas to either a pole or a wall. The mounting bracket allows a tilt of up to +/-45deg in the horizontal as well as in the vertical plane.	 62-29-03