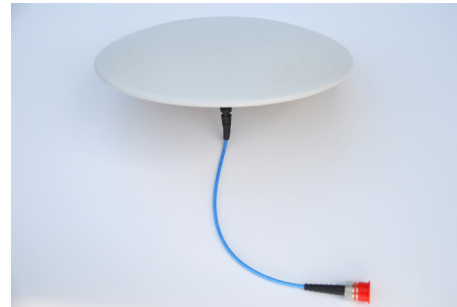


Ultra Flat In-Building SISO Antenna [694-960MHz, 1695-2700 MHz]

PEAR™ GI1201-06326

Description:

- Ultra thin (1.2", 30mm) omni directional antenna covering 694-960MHz and 1695-2700MHz.
- SISO IDAS and Small Cell applications requiring ceiling mounted omni antennas.



694-960MHz & 1695-2700 MHz Omni Antenna

Electrical Specifications

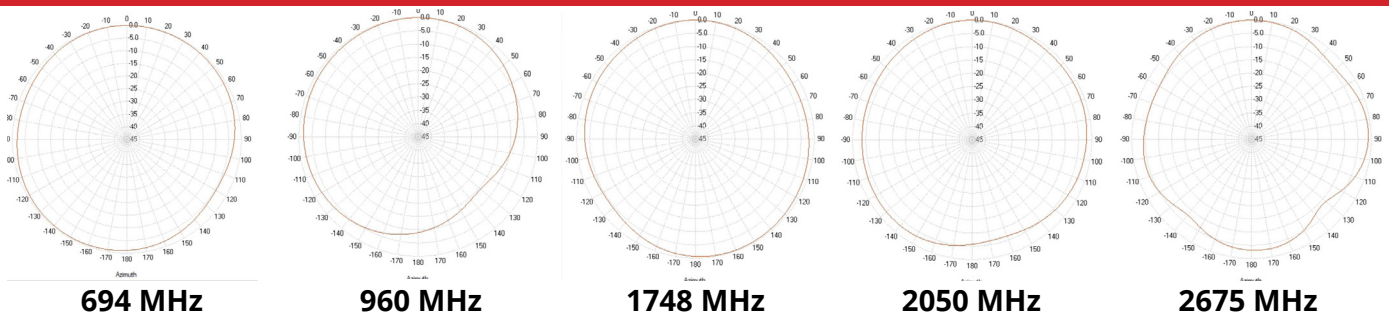
Frequency Band [MHz]	694-790	790-960	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700
Input Connector Type	1x 4.3-10(F) DIN w/ pigtail (17", 43cm)						
VSWR/Return Loss	<1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Vertical						
Horizontal Beamwidth	Omni (360°)						
Max. Gain	3.5 dBi	5.6 dBi	7.9 dBi	8.3 dBi	7.7 dBi	6.7 dBi	7.2 dBi
Avg. Gain	2.7 dBi	4.3 dBi	7.4 dBi	7.7 dBi	7.4 dBi	5.4 dBi	6.7 dBi
Max Power / Port	25 Watts at ambient temperature 77°F (25°C)						
PIM @ 2x43 dBm	<-153 dBc						

Mechanical Specifications

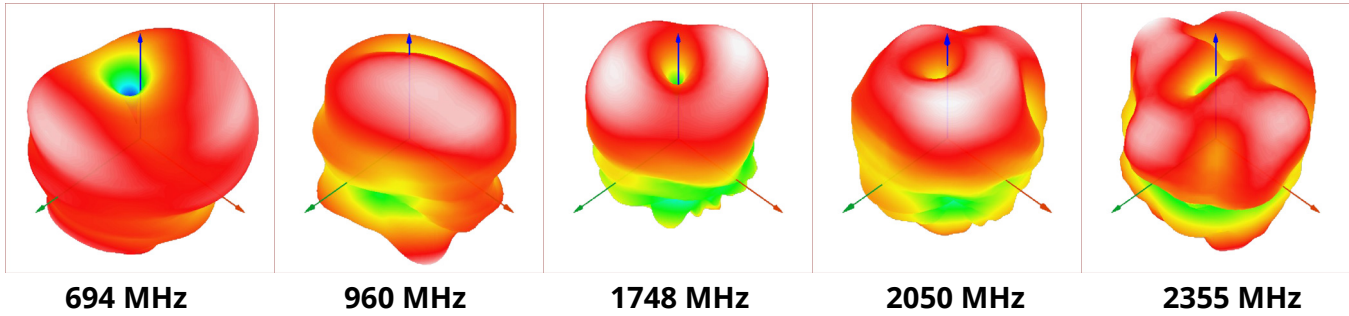
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	1.15 lbs (522 g)
Antenna Dimension (Diameter x Height)	12.0" (304 mm) x 1.2" (30 mm)
Radome Material	PC / ABS, UL 94-V0 Compliant
Pigtail	Plenum Rated
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Ingress Protection	Indoor

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

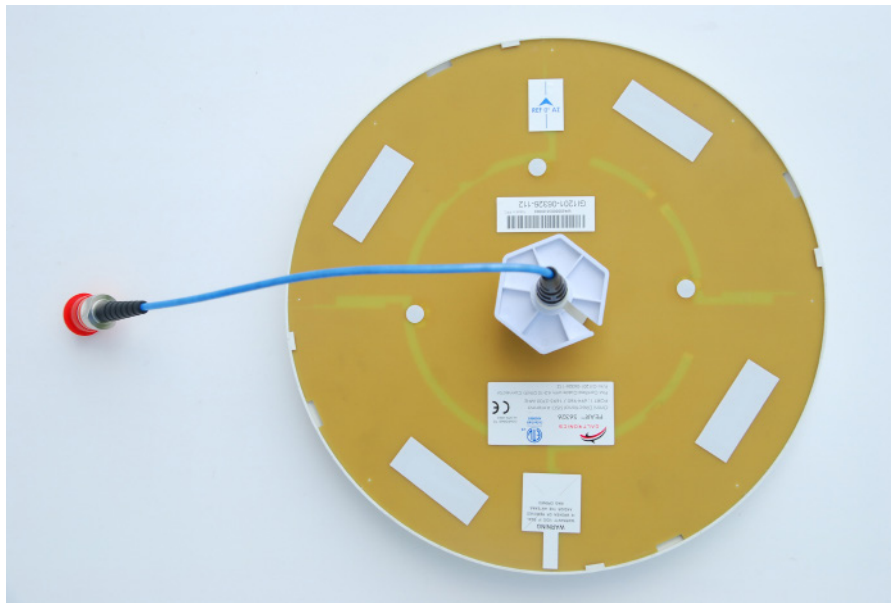
2D Patterns



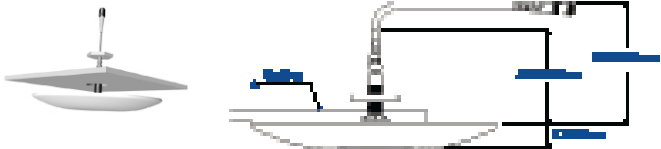

3D Patterns



Back View of The Antenna



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 1x 4.3-10 DIN (F) Connectors (including below ceiling mounting bracket)	GI1201-06326-112
Mounting Bracket(s):	Part Number:
<p>Below Ceiling Installation (Standard)</p> <p>Fasteners for below suspended ceiling mounting included with antenna. Maximum ceiling thickness 1.18" (30mm).</p> <p>Instructions: Drill a 1.18" (30mm) hole in the ceiling tile. Secure the antenna to the ceiling tile with the supplied plastic nut.</p>	
<p>Hard Ceiling Installation (Optional)</p> <p>The hard ceiling mounting bracket allows for installation onto drywall ceilings possible by eliminating additional access above the antenna. This mounting option adds 0.17" (4.5mm) to the visible antenna height.</p>	 <p>62-37-09</p>

Mating Connector Torque:

4.3-10: 44.3 in-lb (5 Nm)

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