

Ultra Flat In-Building MIMO Antenna [694-960, 1695-2700 and 3400-3800 MHz]

PEAR™ GI1202-06286

Description:

- Ultra thin (1.2", 30mm) omni directional antenna covering 694-960,1695-2700 and 3400-3800 MHz.
- MIMO iDAS and Small Cell applications requiring ceiling mounted omni antennas.



694-960, 1695-2700 and 3400-3800 MHz Omni Antenna

Electrical Specifications

Frequency Band [MHz]	694-798	824-896	880-960	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700	3400-3800
Input Connector Type	2x 4.3-10 (F) w/ pigtail (17", 43cm)								
VSWR (max.)	1.5:1								2.1:1
Impedance	50 Ω								
Polarization	Vertical & Horizontal								
Isolation (min.)	16 dB	15 dB	25 dB						
Horizontal Beamwidth	Omni (360°)								
Gain (max.)	4.4 dBi	4.7 dBi	5.2 dBi	6.4 dBi	7.0 dBi	6.2 dBi	7.2 dBi	7.6 dBi	6.4 dBi
Gain (avg.)	3.8 dBi	4.1 dBi	4.4 dBi	5.8 dBi	6.3 dBi	5.7 dBi	6.2 dBi	6.1 dBi	5.1 dBi
Max Power / Port	25 Watts at ambient temperature 77°F (25°C)								
PIM @ 2x43 dBm	<-153 dBc								

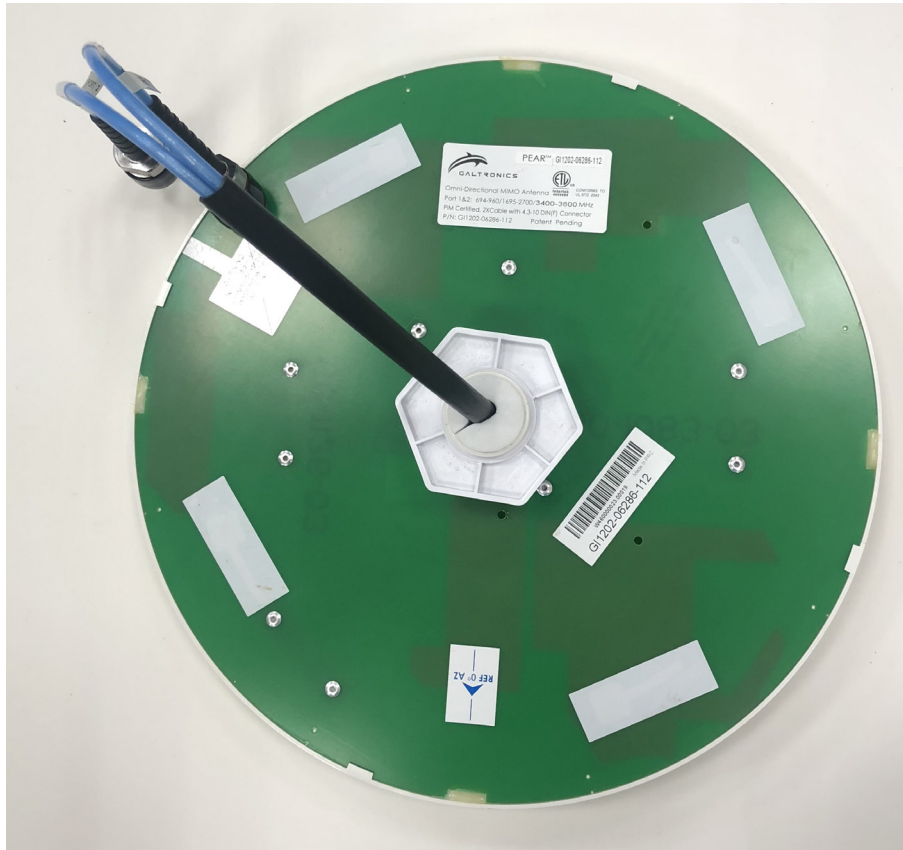
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	1.22 lbs (556 g)
Antenna Diameter	12.0" (304 mm)
Antenna Height	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"

RFD#6286 ; Revision: 1.3 : Release Date: September 19, 2018;

Back View and Port Description



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 2x 4.3-10 (F) Connectors (including below ceiling mounting bracket)	G11202-06286-112
Mounting Bracket(s):	Part Number:
Below Ceiling Installation (included) Fasteners for below suspended ceiling mounting included with antenna. Maximum ceiling thickness 1.18" (30mm). Instructions: Drill a 1.18" (30mm) hole in the ceiling tile. Secure the antenna to the ceiling tile with the supplied plastic nut.	Included with the antenna.
Hard Ceiling Installation (Optional) 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.	62-37-09

Mating Connector Torque:

4.3-10 DIN: 44.3 in-lb (5 N.m)

Copyright © 2018 – Galtronics Corporation Ltd.

Proprietary Information. All rights reserved. Galtronics reserves the right to modify or amend any antenna or specification without prior notice.