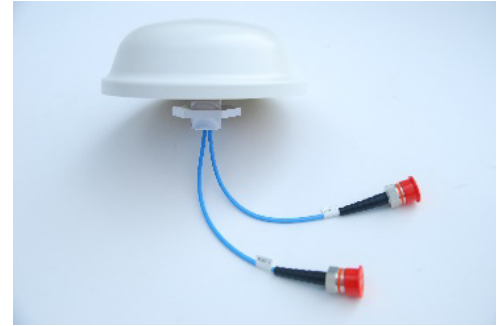


Small Form Factor Wideband MIMO Antenna [1695-2690, 3300-4200, 5000-6000 MHz]

PEAR™ GI0602-06848



1695-2690, 3300-4200 and 5000-6000 MHz Omni Antenna

Description:

- Ceiling mount omni directional antenna covering 1695-2690, 3300-4200 and 5000-6000 MHz.
- MIMO iDAS and Small Cell applications requiring ceiling mounted omni antennas.

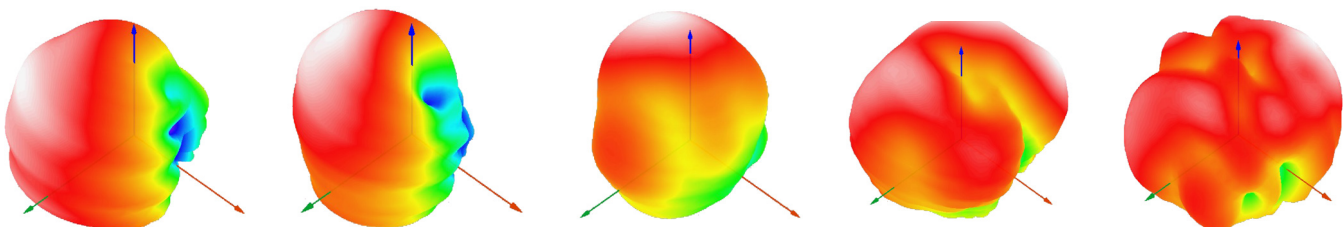
Electrical Specifications

Frequency Band [MHz]	1695-1850	1850-1990	1990-2180	2180-2400	2400-2690	3300-4200	5000-6000
Input Connector Type	2x 4.3-10(F) Pigtail (17", 43.2 cm)						
VSWR (max.) /RL (min.)	1.7:1 / 12.0 dB						
Impedance	50 Ω						
Polarization	Vertical & Horizontal						
Horizontal Beamwidth	Omni (360°)						
Isolation (min.)	17 dB						
Gain (max.)	4.9 dBi	4.8 dBi	5.1 dBi	5.8 dBi	6.7 dBi	6.3 dBi	8.3 dBi
Gain (avg.)	4.5 dBi	4.6 dBi	4.6 dBi	5.2 dBi	5.8 dBi	5.4 dBi	6.2 dBi
Max Power / Port	50W @77°F (25°C)						1W @77°F (25°C)
PIM @ 2x43 dBm	<153 dBc					N/A	N/A

Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	0.95 lbs (0.43 kg)
Antenna Diameter	6" (152.4 mm)
Antenna Height	2" (51.8 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"



1805 MHz

2120 MHz

2655 MHz

3650 MHz

5700 MHz

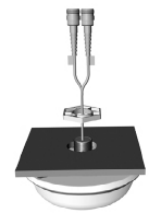
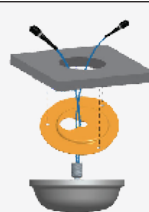

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Back View and Port Description



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 2x 4.3-10 DIN (F) Connectors	GI0602-06848-112
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. Included with antenna.</p>	
<p>Hard Ceiling Installation Bracket (Optional)</p> <p>The hard ceiling mounting bracket allows for installation onto drywall ceilings possible by eliminating additional access above the antenna.</p>	 <p>62-7003-09</p>
<p>Above Ceiling Installation Bracket (Optional)</p> <p>The antenna can be installed above suspended ceilings by using this optional mounting kit.</p>	 <p>62-7002-03</p>

Mating Connector Torque:
4.3-10 44.3 in-lb (5 Nm)

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