

Outdoor / In-Building MIMO Antenna [698-960MHz, 1695-2700 MHz]

PEAR™ M6327i w/ Pigtails

Description:

- Directional MIMO antenna for indoor/ outdoor DAS & Small Cell Applications.
- Bottom exit pigtails for flush wall mounting.



698-960MHz & 1695-2700 MHz Omni Antenna

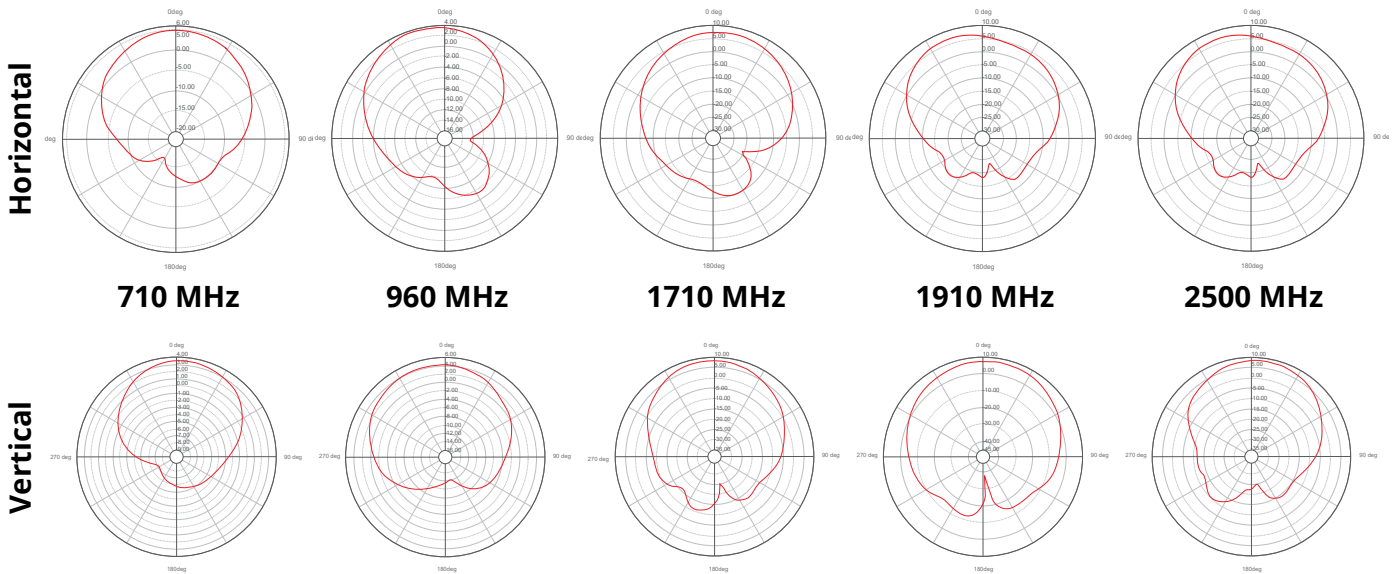
Electrical Specifications							
Frequency Band [MHz]	698-790	790-960	1695-1780	1780-1990	1990-2180	2305-2360	2360-2700
Input Connector Type	2x N-Type(F) DIN or 4.3-10(F) DIN w/ pigtails (12", 30cm)						
VSWR/Return Loss	<1.5:1 / 14.0 dB						
Impedance	50 Ω						
Polarization	Vertical / Horizontal			Dual Slant 45° (±45°)			
Isolation (typ)	-18 dB	-15 dB	-20 dB				
Horizontal Beamwidth	107°	112°	73°	66°	64°	62°	59°
Vertical Beamwidth	94°	74°	61°	66°	66°	69°	64°
Max. Gain	7.3 dBi	6.9 dBi	8.7 dBi	10.0 dBi	9.0 dBi	9.0 dBi	9.6 dBi
Avg. Gain	5.6 dBi	5.5 dBi	8.3 dBi	8.5 dBi	8.5 dBi	8.1 dBi	8.3 dBi
Max Power / Port	50 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	2.1 lbs (950 g)
Antenna Width	8.0" (203 mm)
Antenna Height	10.2" (259 mm)
Antenna Depth	2.5" (65 mm)
Radome Material	PC / ABS
Flamibility rating	UL 94-V0
Approved for Use in Plenum Spaces	Listed & Tested by Intertek / ETL
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Ingress Protection	Indoor/Outdoor (IP65)
Shipping Dimensions - L x W x D	15.7"x10.6"x5.3" / 400x270x135mm
Shipping Weight (Gross Weight)	3.7 lbs (1.7 kg)


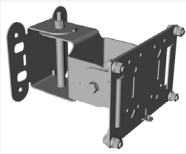
* Radome can be painted with recommended paint "Krylon fusion for plastic"

Additional Technical Information

Antenna Patterns



Part Numbers, Ordering Options and Accessories

Description:	Part Number:
Antenna with 2x N-Type DIN (F) Connectors	02121261-06327
Antenna with 2x 4.3-10 DIN (F) Connectors	02130261-06327
Mounting Bracket(s):	Part Number:
<p>Mounting Plate Installation (Standard)</p> <p>Attach the mounting plate to the wall. Slide the antenna onto the mounting plate and secure with locking screw.</p>	
<p>Swivel Mounting Bracket (Optional)</p> <p>The swivel mounting bracket allows the antenna to be articulated +/- 45° in both the horizontal and vertical plane. The bracket can be mounted on a pole or on a wall.</p>	 <p>62-29-03</p>

Matting Male Connector Torque:

N-Type: 26.6 in-lb (3 Nm)

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

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