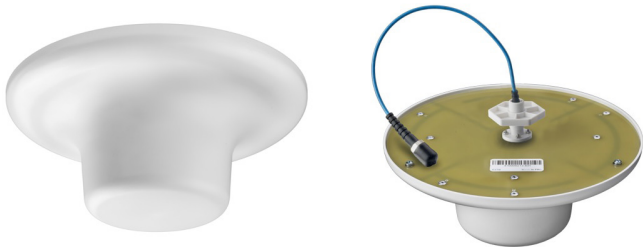


Small Form Factor In-Building SISO Antenna [617-960, 1695-2700, 3300-4200 & 5200-6000 MHz]

PEAR™ S5379i

Description:

- Omni directional antenna for in-building applications such as DAS
- The antenna was especially designed for in-building multi-path environments



617-960, 1695-2700, 3300-4200 & 5200-6000 MHz Omni Antenna

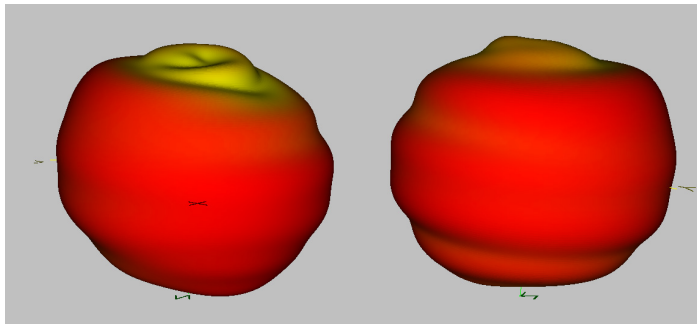
Electrical Specifications						
Frequency Band [MHz]	617-698	698-960	1695-2180	2180-2700	3300-4200	5200-6000
Connector Type	1x N-Type (F) or 4.3-10 (F) w/ pigtail (12", 30cm)					
VSWR/Return Loss (dB)	3.57:1 / 5.0	1.69:1 / 11.8	1.69:1 / 11.8	1.5:1 / 14.0	2.32:1 / 8.0	2.01:1 / 9.5
Impedance (Ω)	50					
Polarization	Vertical					
Horizontal Beamwidth (°)	Omni (360)					
Max. Gain (dBi)	2.1	3.0	4.1	5.0	3.7	5.8
Avg. Gain(dBi)	1.6	2.3	3.4	4.1	2.9	4.8
Max Power / Port (Watt)	25 at ambient temperature 77°F (25°C)					
PIM @ 2x37 dBm (dBc)	-153 for 4.3-10 DIN; -150 for N-Type					N/A

Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	0.86 lbs (390g)
Antenna Diameter	8.0" (204 mm)
Antenna Height	3.2" (82 mm)
Radome Material	PC / ABS
Flamibility rating	UL 94-V0
Radome Color	RAL 9016 (white)*
Environment Rating	Indoor

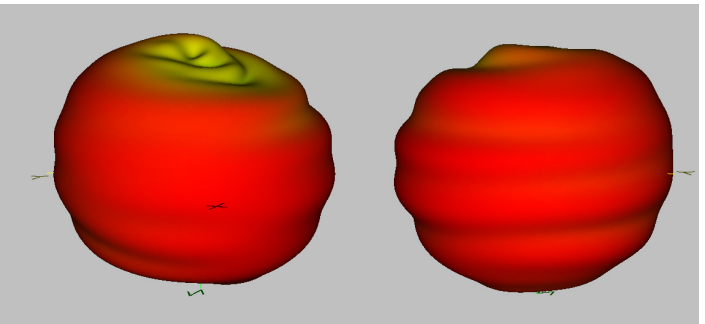
* Radome can be painted with recommended paint "Krylon fusion for plastic"

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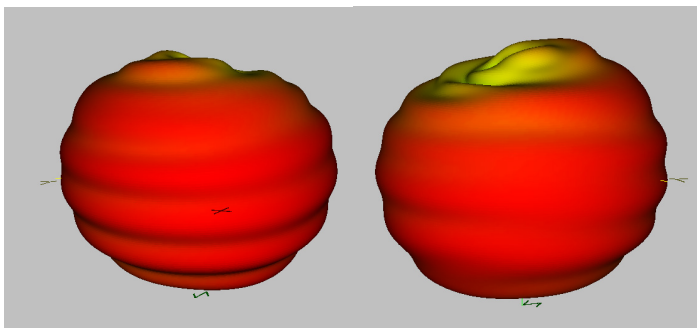
3D Antenna Patterns



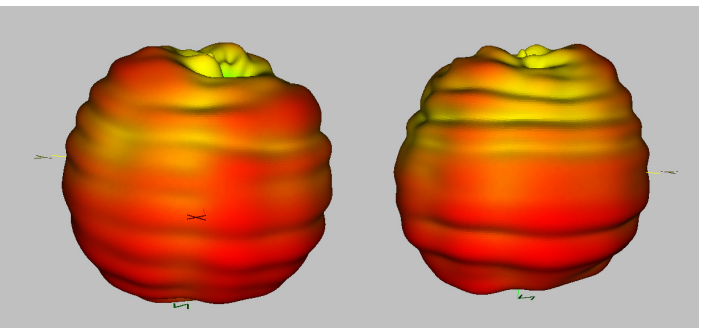
690 MHz



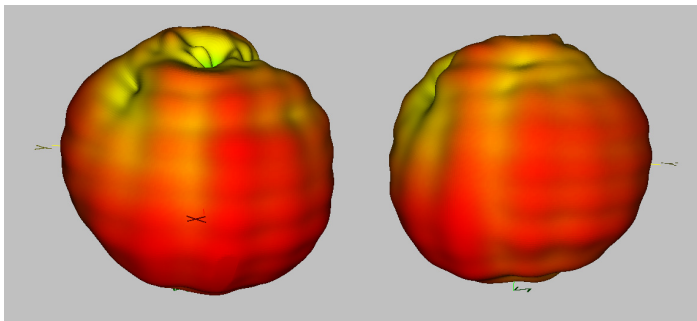
788 MHz



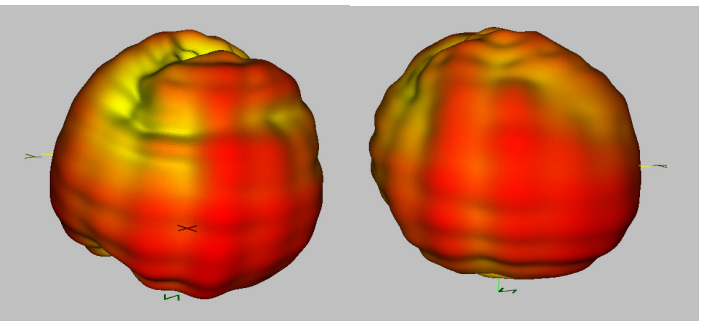
894 MHz



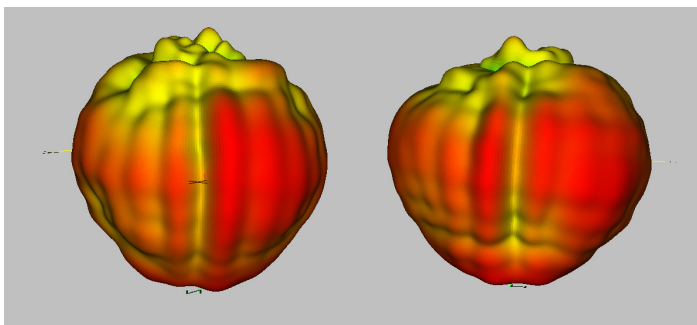
1780 MHz



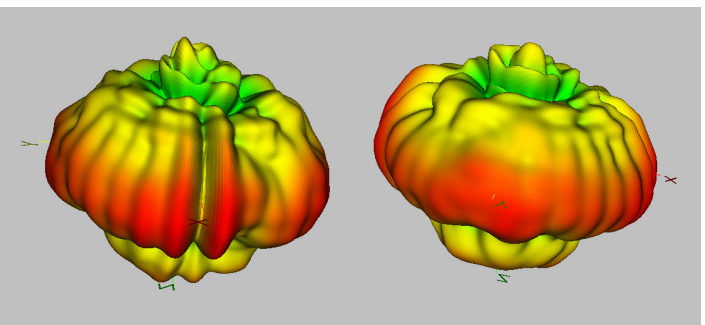
2170 MHz



2350 MHz



3700 MHz






5500 MHz

3D Patterns Note:

3D images above denote X & Y Axes in horizontal plane, while Z-axis is in vertical plane towards floor/user as would be typical of most DAS ceiling mounted omnidirectional antenna installations.

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Part Numbers & Ordering Options	
Description:	Part Number:
Antenna with 1x N-Type (F) Connectors	02121270-05379U
Antenna with 1x 4.3-10 (F) Connectors	02130270-05379U

Mounting Brackets & Optional Accessories	
Description:	Part Number:
Below Ceiling Installation (Standard/Included) Drill a hole with a 1.18" (30mm) diameter thru the ceiling tile and secure the antenna with the supplied plastic nut.	 or 
Hard Ceiling Mounting Bracket (Optional) The hard ceiling mounting bracket makes an antenna installation on suspended ceilings without a second access hole possible. The hard ceiling mount doesn't add any additional height to the antenna height.	 62-32-09

Mating Connector Torque:
N-Type: 26.6 in-lb (3 Nm)
4.3-10: 3.7 ft-lb (5 Nm)

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