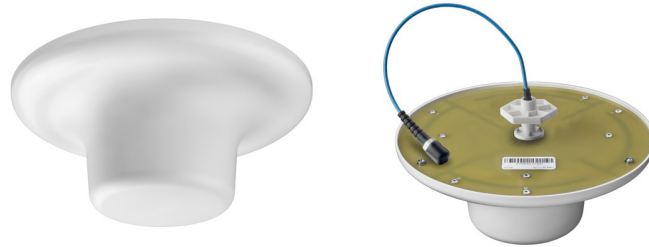


Small Form Factor In-Building SISO Antenna [698-960, 1695-2700 and 5200-6000 MHz]

PEAR™ S5379i

Description:

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



698-960, 1695-2700 and 5200-6000 MHz Omni Antenna

Electrical Specifications

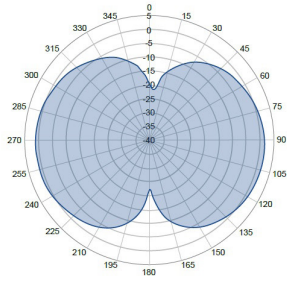
Frequency Band [MHz]	698-960	1695-2180	2180-2700	5200-6000
Input Connector Type	1x N-Type (F) or 4.3-10 (F) w/ pigtail (12", 30cm)			
VSWR/Return Loss	<1.7:1 / 11.8 dB	<1.7:1 / 11.8 dB	<1.5:1 / 14.0 dB	< 2.0:1 / 9.5 dB
Impedance	50 Ω			
Polarization	Vertical			
Horizontal Beamwidth	Omni (360°)			
Max. Gain	2.4 dBi	3.1 dBi	4.0 dBi	6.1 dBi
Avg. Gain	1.4 dBi	2.7 dBi	3.4 dBi	4.8 dBi
Max Power / Port	25 Watts at ambient temperature 77°F (25°C)			
PIM @ 2x43 dBm	<-153 dBc for 4.3-10 DIN; <-150 dBc for N-Type			

Mechanical Specifications

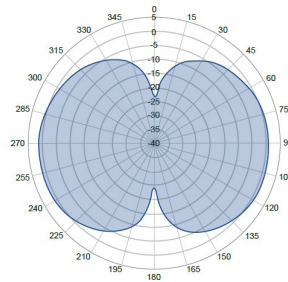
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	0.86 lbs (390g)
Antenna Diameter	8.0" (204 mm)
Antenna Height	3.2" (82 mm)
Radome Material	PC / ABS
Flamibility rating	UL 94-V0
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Ingress Protection	Indoor
Shipping Dimensions - L x W x D	26.18" x 14.17" x 9.8" / 665 x 360 x 250 mm
Shipping Weight (Gross Weight)	14.33 lbs (6.5 Kg)

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

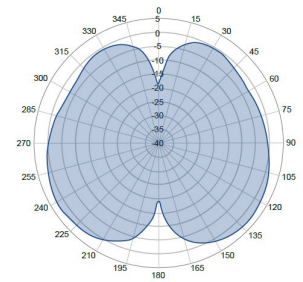
Antenna Patterns



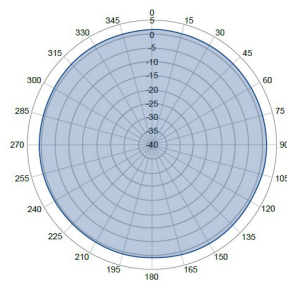
700 MHz



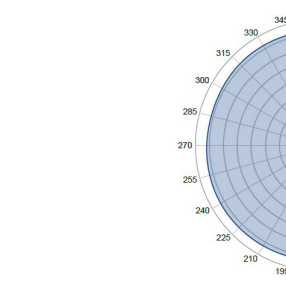
800 MHz



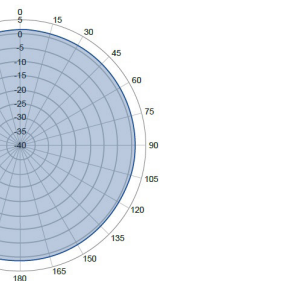
1750 MHz



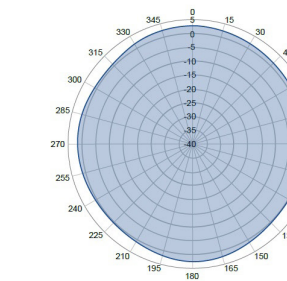
1870 MHz



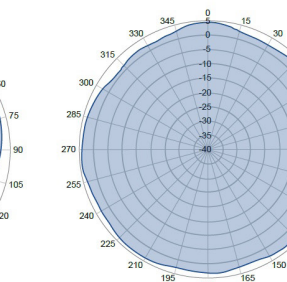
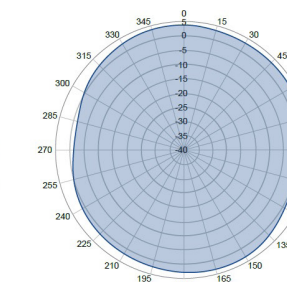
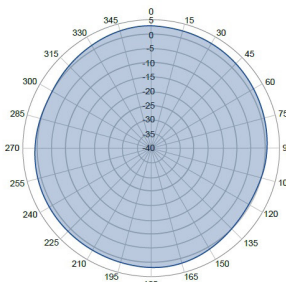
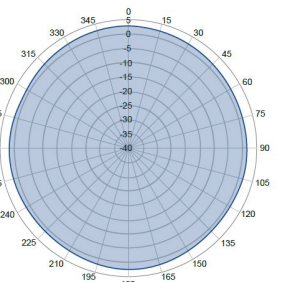
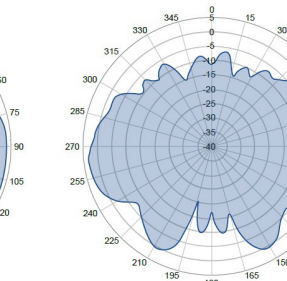
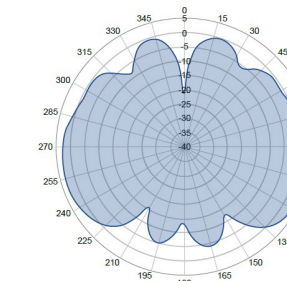
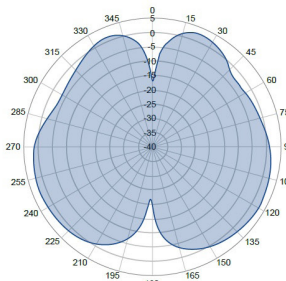
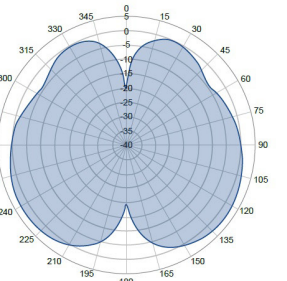
2170 MHz

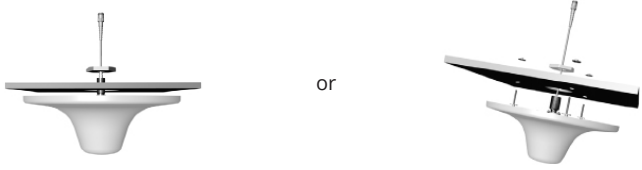



2620 MHz



5500 MHz



Part Numbers, Ordering Options and Accessories	
Description:	Part Number:
Antenna with 1x N-Type (F) Connectors	02121270-05379U
Antenna with 1x 4.3-10 (F) Connectors	02130270-05379U
Mounting Bracket(s):	Part Number:
<p>Below Ceiling Installation (Standard)</p> <p>Drill a hole with a 1.18" (30mm) diameter thru the ceiling tile and secure the antenna with the supplied plastic nut.</p> <p>Included with antenna</p>	
<p>Hard Ceiling Mounting Bracket (Optional)</p> <p>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.</p>	 <p>62-32-09</p>

Mating Connector Torque:

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