

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			

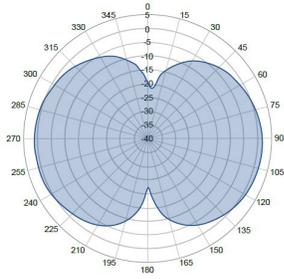
Mechanical Specifications

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)

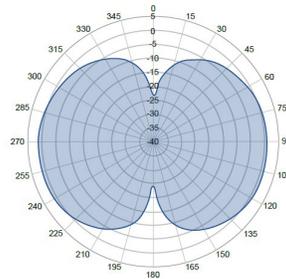
* Radome can be painted with recommended paint "Krylon fusion for plastic"

RFD#5379; Revision: R1 ; Release Date: October 21, 2019;

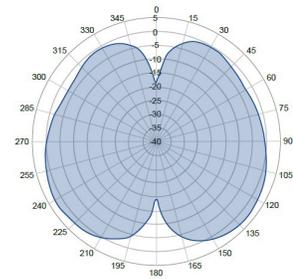
Antenna Patterns



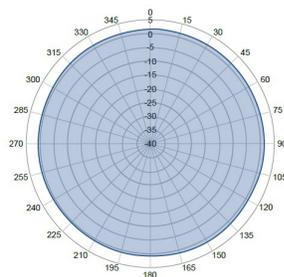
700 MHz



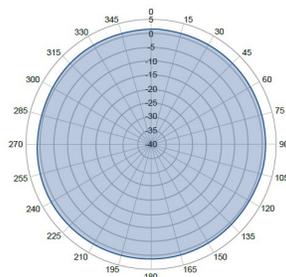
800 MHz



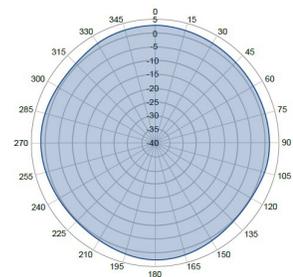
1750 MHz



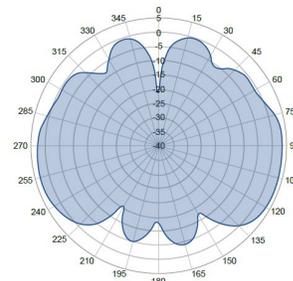
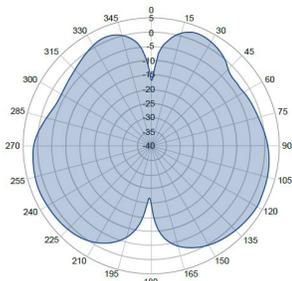
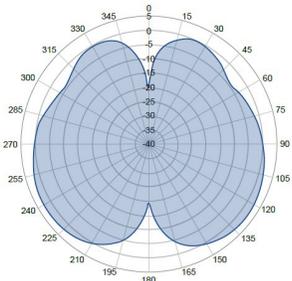
1870 MHz



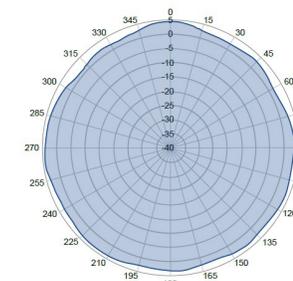
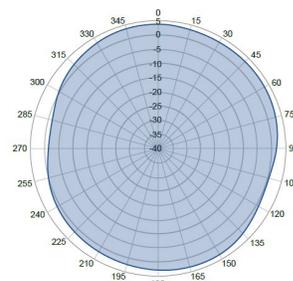
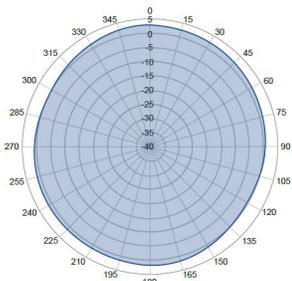
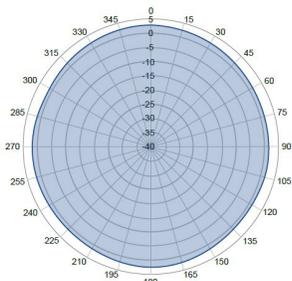
2170 MHz

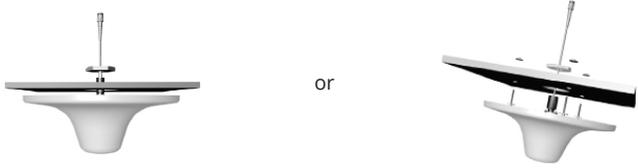


2620 MHz



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)