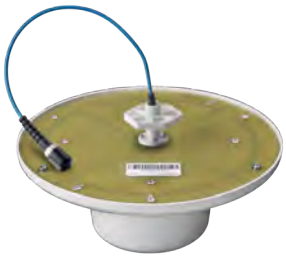
PEAR™ S5379i Pigtail

Small Form Factor In-Building Antenna

[698-960 / 1695-2700 / 5200-6000 MHz]



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

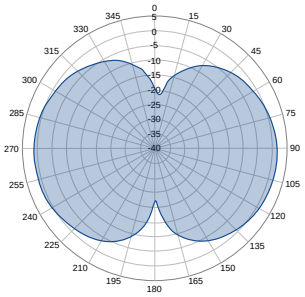
Electrical Specifications				
Frequency Band [MHz]	698-960	1695-2180	2180-2700	5200-6000
Input Connector Type	N-Type or 4.3-10 DIN or 4.1-9.5 DIN Connector (F) with cable (12"/30cm length)			
Polarization	Vertical			
Impedance	50 Ω			
VSWR / Return Loss	<1.7:1 / 11.8 dB	<1.7:1 / 11.8 dB	<1.5:1 / 14.0 dB	<2.0:1 / 9.5 dB
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
Horizontal Beamwidth	Omni (360°)			
PIM @ 2x43 dBm	<-153 dBc for 4.3-10 DIN - <-150 dBc for N-Type or 4.1-9.5 DIN			
Input Power	25 W at ambient temperature of 77° F (25° C)			

Mechanical Specifications	
Operating Temperature	-40° to 158 °F (-40° to +70°C)
Environmental Conditions	Indoor
Antenna Weight	0.86 lbs (390g)
Antenna Dimensions (Diameter / Heigth)	8.0" / 3.2" (204 / 82 mm)
Flammability rating	UL 94-V0
RoHS	Compliant
Radome Color	RAL 9016 (white)*
Radome Material	PC/ABS
Pigtail Cable	Plenum Rated
Shipping Dimensions - 8 units	26.18" x 14.17" x 9.8" / 665 x 360 x 250 mm
Shipping Weight (Gross Weight) - 8 units	14.33 lbs (6.5 Kg)

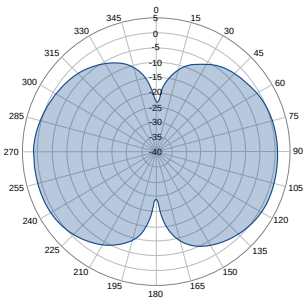
* Radome can be painted with recommended paint "Krylon fusion for plastic"

Release Date: 15. Dec. 2015; Revision: F; Patent Pending

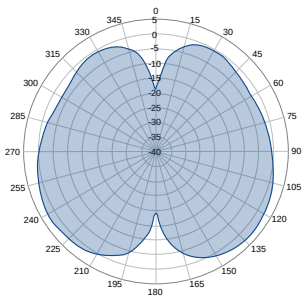
Copyright © 2015 – Galtronics Corporation Ltd.
Proprietary Information. All rights reserved. Galtronics reserves the right to modify or amend any antenna or specification without prior notice



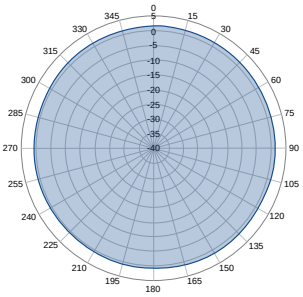
700 MHz

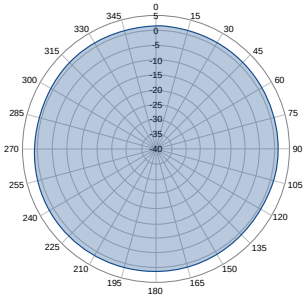


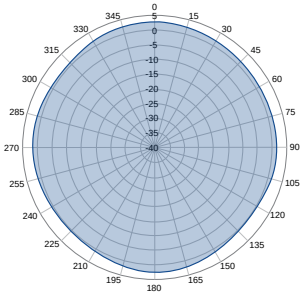
800 MHz

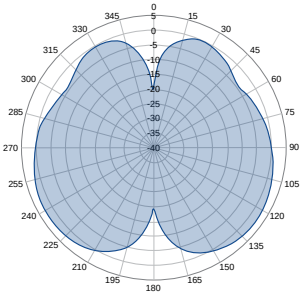


1750 MHz

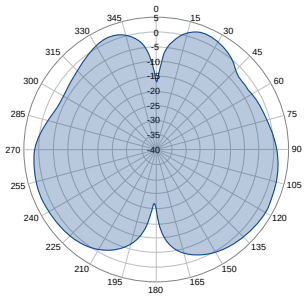




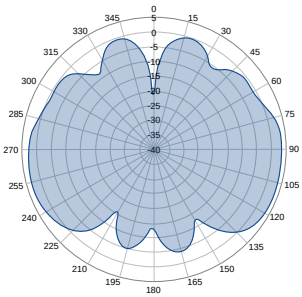




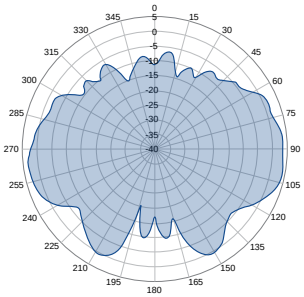
1870 MHz



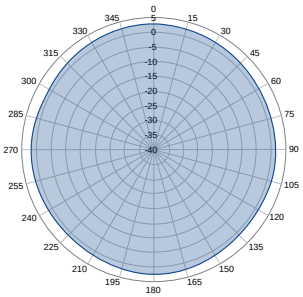
2170 MHz

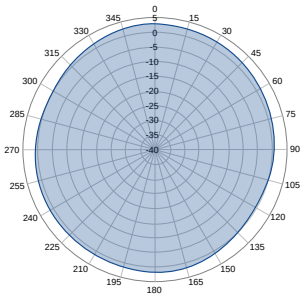


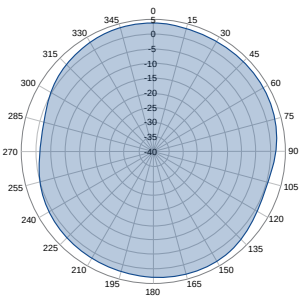
2620 MHz

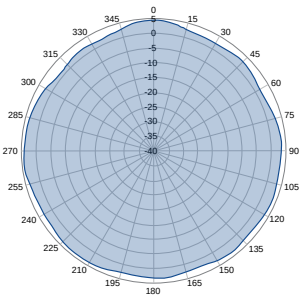


5500 MHz









Release Date: 15. Dec. 2015; Revision: F; Patent Pending

Copyright © 2015 – Galtronics Corporation Ltd.
Proprietary Information. All rights reserved. Galtronics reserves the right to modify or amend any antenna or specification without prior notice

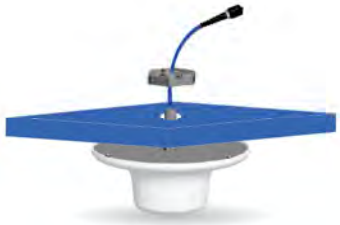
Mounting Options

This antenna can be mounted using any of the following mounting brackets. Optional mounting brackets need to be ordered as a separate line item. See Ordering Options for details (see page 1).

Below Ceiling Installation (Standard)

Fasteners for below suspended ceiling mounting included with antenna. Maximum ceiling thickness 1.18"(30mm). Drill a hole with a 1.18"(30mm) diameter into suspended ceiling and secure the antenna with supplied plastic nut.

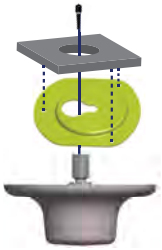
Included with antenna



Optional Hard Ceiling Mounting Bracket

The hard ceiling mounting bracket makes an antenna installation on suspended ceilings without a second access hole possible.

P/N: 62-30-09



Optional Hard Ceiling Mounting Bracket

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/N: 62-32-09

Ordering & Antenna Options

Part Number	Connector	Description
02121270-05379U	N-Type (F)	PEAR™ S5379i
02125270-05379U	4.1-9.5 DIN (F)	PEAR™ S5379i
02130270-05379U	4.3-10 DIN (F)	PEAR™ S5379i
62-32-09		Hard Ceiling Mounting Bracket

Release Date: 15. Dec. 2015; Revision: F; Patent Pending

Copyright © 2015 – Galtronics Corporation Ltd.
Proprietary Information. All rights reserved. Galtronics reserves the right to modify or amend any antenna or specification without prior notice