



PEAR™ S5606i Pigtail

Ultra Flat In-Building Antenna

[698-960 / 1710-2700 MHz]



DESCRIPTION:

Industry's thinnest (12" / 30mm flat) omni directional antenna for in-building ceiling mount applications such as Small Cells & DAS. The antenna is vertically polarized and operates at 698-960 and 1710-2700 MHz.

Electrical Specifications

Frequency Band	698-894 MHz	894-960 MHz	1710-2180 MHz	2180-2700 MHz
Polarization	vertical			
Antenna Structure	1 Port			
Impedance	50 Ω			
VSWR	<1.7:1	<1.7:1	<1.7:1	<1.7:1
Input Connector Type	1x N-Type or 4.1/9.5 MiniDIN Connector (Female) with pigtail cable (17"/43cm length)			
Gain	2.0 - 3.0 dBi	3.0 dBi	5.5 - 7.0 dBi	5.5 - 7.0 dBi
Horizontal Beamwidth	Omni (360°)			
PIM @ 2x 43dBm	< -150 dBc			
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 (390 g)
Dimensions (Diameter / Height)	17" / 1.2" (432mm / 30mm)
Clearance above ceiling needed	5.9" / 150mm (measured from antenna base plate)
Flammability rating	UL 94-V0
RoHS	compliant
Pigtail Cable	Plenum Rated
Radome Color	White*
Radome Material	PC/ABS (halogen free)

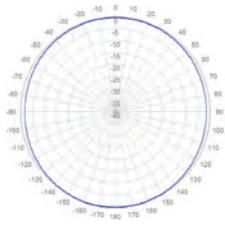
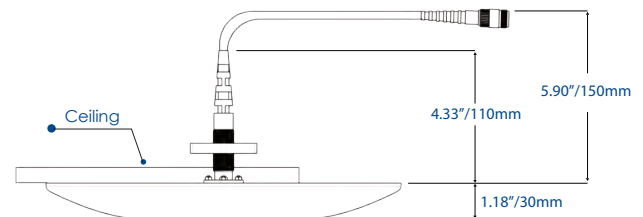
ADDITIONAL INFORMATION:

Fasteners for suspended ceiling mounting included, max. ceiling thickness 30mm.

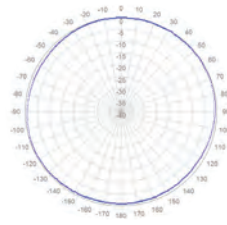
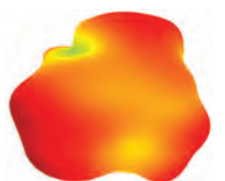
Radome can be painted with recommended paint "Krylon Fusion for Plastic".

MOUNTING & ANTENNA OPTIONS

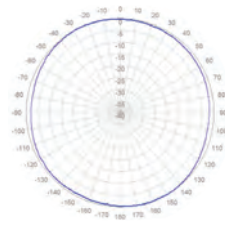
Part Number	Connector	Description
02121261-05606U	1x N-Type (F)	PEAR S5606i Antenna
02125261-05606U	1x 4.1/9.5 MiniDIN (F)	PEAR S5606i Antenna
62-37-09		Hard Ceiling Mounting Kit



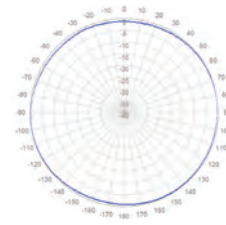
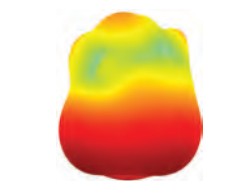
700MHz



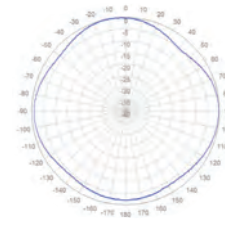
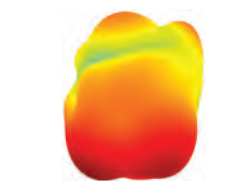
820MHz



1950MHz



2100MHz



2700MHz

