



PEAR™ S4935i Pigtail

Broadband In-Building Antenna

[698-6000 MHz]


DESCRIPTION:

Ceiling mount, true omni directional antenna for in-building applications such as DAS. The antenna is vertically polarized and operates at 698-6000 MHz.

Electrical Specifications					
Frequency Band	698-790 MHz	790-960 MHz	1710-2200 MHz	2300-4200 MHz	4300-6000 MHz
Polarization	vertical				
Antenna Structure	1 Port				
Impedance	50 Ω				
VSWR	<1.5:1	<1.5:1	<1.5:1	<1.7:1	<1.7:1
Input Connector Type	1x N-Type (Female) with pigtail cable (12"/30cm length)				
Gain	1.5-2.5 dBi	2.0-3.5 dBi	4.5-7.0 dBi	4.0-6.5 dBi	5.0-7.0 dBi
Horizontal Beamwidth	Omni (360°)				
PIM @ 2x 43dBm	< -150 dBc				
Input Power	50 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	1.65 lbs (0.75 kg)
Dimensions (Diameter / Height)	13.2" / 4.88" (335mm / 124mm)
Flammability rating	UL 94-V0
RoHS	compliant
Plenum Rated	compliant
Radome Color	RAL 9010 (white)*
Radome Material	PC/ABS (halogen free)

ADDITIONAL INFORMATION:

Fasteners for suspended ceiling mounting included, max. ceiling thickness 30mm. Mounting kits for antenna placement above or through suspended ceiling optional. Radome can be painted in different colors.

MOUNTING & ANTENNA OPTIONS

- 02121269-04935U** PEAR S4935i Pigtail Antenna
- 62-21-03** Above Ceiling Mounting Kit
- 62-17-09** Through Ceiling Mounting Kit**
- 02121269-04935T** PEAR S4935i Pigtail with pre-installed Through Ceiling Adapter

* Radome can be painted with recommended paint "Krylon Fusion for Plastic".
 ** Three holes have to be drilled into the antenna radome to install the through ceiling mounting kit [62-17-09].

