



PEAR™ S4934

High-Band In-Building Antenna

[1710-6000 MHz]



DESCRIPTION:

Ceiling mount omni directional antenna for in-building applications such as DAS. The antenna is vertically polarized and operates at 1710-6000 MHz.

Electrical Specifications					
Frequency Band	1710-1880 MHz	1880-3000 MHz	3000-3700 MHz	3700-4200 MHz	4200-6000 MHz
Polarization	vertical				
Input Connector Type	1x N-Type (F)				
Impedance	50 Ω				
VSWR / Return Loss	<1.6:1 / 12.7 dB	<1.5:1 / 14.0 dB	<1.8:1 / 10.9 dB	<2.0:1 / 9.5 dB	<1.5:1 / 14.0 dB
Max. Gain	2.9 dBi	4.8 dBi	4.7 dBi	4.8 dBi	6.9 dBi
Avg. Gain	2.5 dBi	3.5 dBi	3.9 dBi	4.5 dBi	6.0 dBi
Horizontal Beamwidth	Omni (360°)				
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	0.38 lbs (172g)
Dimensions (Diameter / Height)	6.06" / 2.16" (154mm / 55mm)
Flammability rating	UL 94-V0
RoHS	compliant
Radome Color	RAL 9010 (white)*
Radome Material	PC/ABS

ADDITIONAL INFORMATION:

Fasteners for suspended ceiling mounting included, maximum ceiling thickness 30mm. Mounting adaptor for antenna placement above suspended ceiling optional. Radome can be painted in different colors.

Part Number	Connector	Description
02108265-04934	N-Type (F)	PEAR S4934 Antenna

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

