



PEAR™ S5606i Pigtail

Ultra Flat In-Building Antenna

[698-960 / 1710-2700 MHz]


DESCRIPTION:

Industry's thinnest (1.1" / 28mm flat) omni directional antenna for in-building ceiling mount applications such as DAS. The antenna is vertically polarized and operates at 698-960 / 1710-2700 MHz.

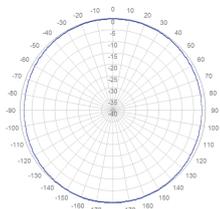
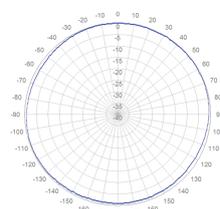
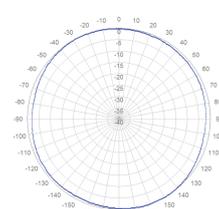
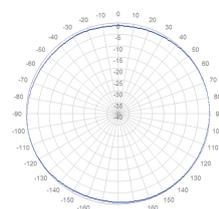
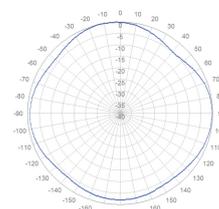
| Electrical Specifications | | | | |
|---------------------------|---|-------------|---------------|---------------|
| Frequency Band | 698-894 MHz | 894-960 MHz | 1710-2180 MHz | 2180-2700 MHz |
| Polarization | vertical | | | |
| Antenna Structure | 1 Port | | | |
| Impedance | 50 Ω | | | |
| VSWR | <1.7:1 | <1.7:1 | <1.7:1 | <1.7:1 |
| Input Connector Type | 1x N-Type (Female) with pigtail cable (12"/30cm length) | | | |
| Gain | 3.5 dBi | 4.0 dBi | 6.5 dBi | 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) | 11.8" / 1.1" (300mm / 28mm) |
| 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 in different colors.

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


700 MHz

820 MHz

1950 MHz

2100 MHz

2700 MHz
