

PA-698-3800V08iB

698-3800 MHz

PA series Directional SISO Panel Antenna



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PA-698-3800V08iB PA series Directional SISO Panel Antenna for in-building applications such as DAS providing SISO performance for the complete frequency range from 698-960 MHz, 1710-700MHz and 3300-3800MHz. Broadband directional single-sector SISO antenna for high-capacity venues like stadiums or campuses.

Key features

- **Wide band Directional Panel Antenna.**
- **Coverage 698MHz - 3800MHz.**
- **Typically used in in-building distribution of LTE and 5G NR services.**
- **Compact size with stable performance.**
- **Low return loss.**
- **High gain.**
- **PIM < -140dBc @ 2x33 dbm..**
- **Cost-effective for practical solutions.**



Specifications

Technical characteristics

Electrical Specifications	
Frequency Range	698-960 / 1710-2700 / 3300-3800 MHz
Gain	6.5±1.0 / 8±1.0 / 7±1.0 dBi
VSWR	≤1.5
Polarization	Vertical
Front to Back Ratio	> 12 / >13 / >13 dB
Horizontal Beam Width	90±8 / 70±1.0 / 65±5 °
Vertical Beam Width	65±3 / 50±1.0 / 55±3 °
Input Impedance	50 Ω
Max. Power	50 W
PIM (2 x 33dBm)	≤ -140 dBc
Mechanical Specifications	
Connector	N-Female
Dimensions (H*W*D)	170x150x50 mm
Radome Material and Color	ABS, White, RAL7035
Weight, without Mounting Kit	0.75 kg
Mounting Kit	On-wall
Operating Temperature	-40°C to +65 °C

Radiation Patterns

