

MOPA series Directional Panel MIMO Antenna

698-4000 MHz

MOPA-698-4000VH8-N1i



MOPA series Indoor Directional MIMO Panel antenna for in-building applications such as DAS providing MIMO performance for the complete frequency range from 698-4000MHz. Broadband MIMO Panel directional antenna for high-capacity venues like stadiums or campuses.

Features and Product Description

- Wideband Directional Panel Antenna, coverage 698MHz – 4000MHz.
- Typically both used in indoor/outdoor distribution of GSM/DCS /WCDMA/LTE/5G NR services.
- Low return loss, Stable performance.
- Compact, light-weight and easy to install.
- Supplied with mounting clamp.
- PIM<-107dBc @ 2x33 dbm.
- N-female/ 7/16 DIN/ MINI-DIN compliant.



Electrical Specifications

Frequency Range(MHz)	698-806	806-960	1710-2170	2200-2700	3400-4000
Gain(dBi)	5.0 ± 0.5	6.0 ± 0.5	7.0 ± 0.5	7.5 ± 0.5	8.5 ± 0.5
VSWR	≤ 2.0				
Polarization Type	Linear H / V for Each Radiator				
Vertical Beam Width	73°	70°	60°	60°	30°
Horizontal Beam Width	80°	80°	65°	60°	55°
PIM (IM3)	≤ -107 dBm @ 2 x 33 dBm				
Max Power	50 W				
Input Impedence	50 Ω				

Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Relative Humidity	5 to 95%
Lightning Protection	DC ground

Mechanical Specifications

Connector Type	N-Female
Weight	0.8 Kg
Dimension	313 x 195 x 64 mm (without connector)
Radome Material	Uv-Protected ABS
Radome Color	White
Mounting Type	Wall Mounting

Radiation Pattern

