

MIMO Panel Antenna, 617-4000 MHz, 6/8 dBi

Part No.: IMP-0640-VH8-N1i

Main Features

- Excellent Electrical Performance
- Wide Frequency Range
- Totally Maintenance Free



Electrical Specifications

| Frequency Range(MHz) | 617-960 | 1710-2170 | 2300-2700 | 3300-4000 |
|--------------------------|--------------------------------|-----------|-----------|-----------|
| Gain(dBi) | 6.0 ± 1 | 8.0 ± 1 | 8.0 ± 1 | 7.0 ± 1 |
| VSWR | ≤ 2.0 | ≤ 1.8 | ≤ 1.8 | ≤ 1.8 |
| Polarization Type | Linear H / V for each Radiator | | | |
| Isolation(dB) | ≥ 12 | ≥ 20 | ≥ 20 | ≥ 24 |
| Front to Back Ratio (dB) | ≥ 7 | ≥ 20 | ≥ 20 | ≥ 24 |
| Horizontal Beamwidth | 90° | 65° | 65° | 45° |
| Vertical Beamwidth | 78° | 60° | 60° | 38° |
| 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 | 2 x N-Female |
| Weight | 0.45 Kg |
| Dimensions | 315 x 195 x 68 mm (without connector) |
| Radome Material | Uv-Protected ABS |
| Radome Color | White |
| Mounting Type | Wall Mounting |

Radiation Pattern

