

Indoor Wide band Omni Antenna , coverage 698MHz - 4000MHz ,MIMO

Electrical Specifications

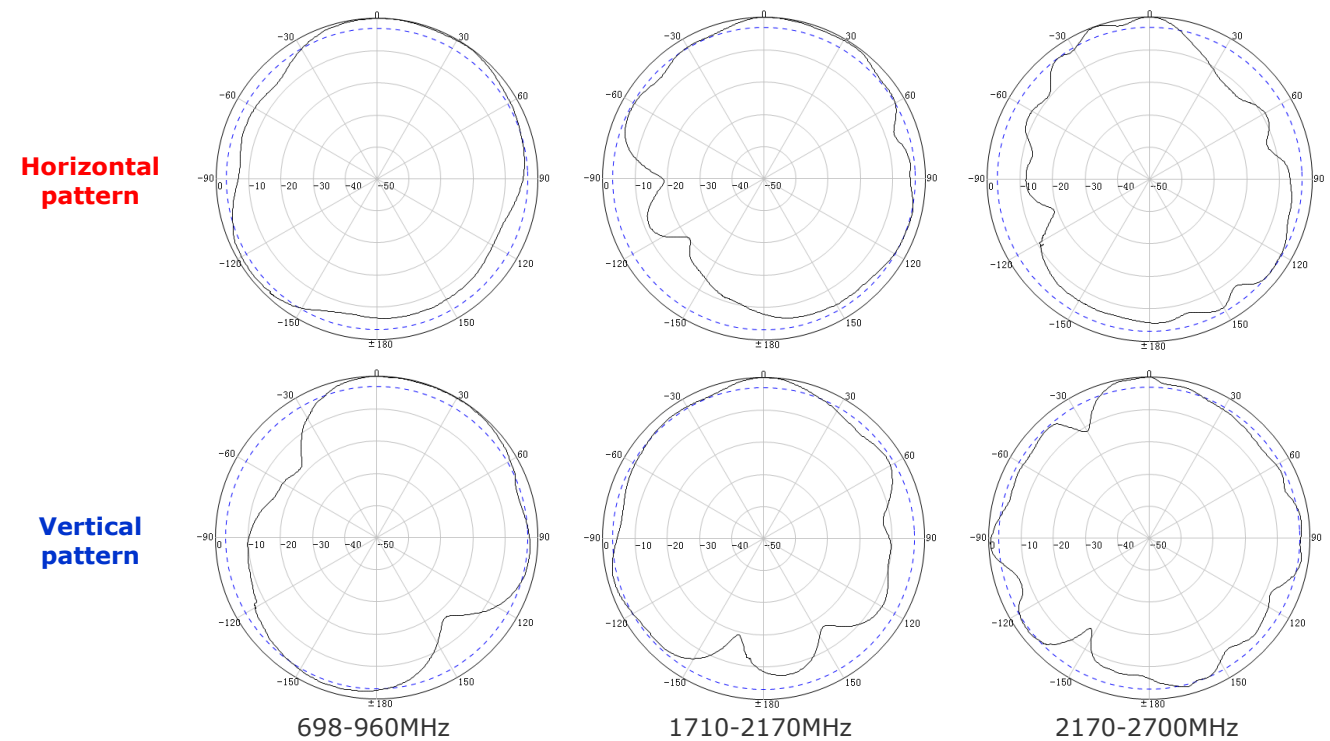
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|--------------------------|---------------------|---------|---------|-----------|-----------|
| Item No. | AI698-4000VH03i360A | | | | |
| Frequency Range | MHz | 698-806 | 806-960 | 1710-2700 | 3400-4000 |
| Gain | dBi | 3.0±0.5 | 3.5±0.5 | 4.5±1.0 | 5.0±1.0 |
| Polarization | Linear×2 | | | | |
| Beam width(Typical) | Horizontal | OMNI | | | |
| | Vertical | deg | 90 | 85 | 45 |
| VSWR | | ≤2.0 | ≤2.0 | ≤2.0 | ≤2.0 |
| Isolation | dB | >17 | >17 | >20 | >25 |
| PIM, 3rd Order, 2 x 20 W | dBc | ≤-150 | | | |
| Maximum Power | watts | 50 | | | |
| Impedance | ohm | 50 | | | |

Mechanical Specifications

| | | |
|---------------------------|----|------------------------------|
| Connector Type | | N-Female×2 |
| Dimensions | mm | Φ218×40 |
| Weight | kg | 0.5 |
| Mounting Kit | | Ceiling, via hole (standard) |
| Radome Material and Color | | ABS, White, RAL9003 |
| Operational Temperature | oC | -55~60 |
| Operational Humidity | % | < 95 |

*This product is not suitable for installation on metal ceiling

Radiation Patterns



Features and Product Description

- Wideband Omni Antenna, coverage 698MHz - 4000MHz .
- Typically used in indoor distribution of LTE and MIMO services.
- Low return loss, Good radiation pattern, Stable performance.
- Compact, light-weight and easy to install.
- PIM<-150dBc @ 2x20 W.

