



Indoor Wide band Omni Antenna , coverage 698MHz - 2700MHz

Electrical Specifications

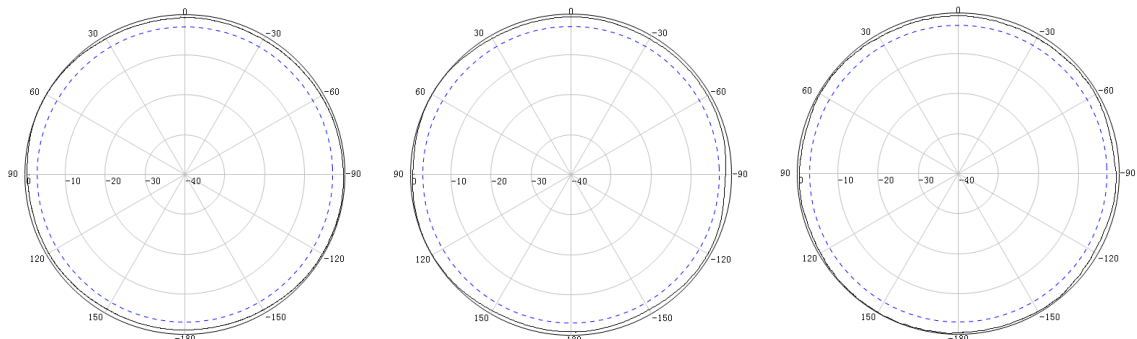
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|---------------------------|--------------------|---------|---------|-----------|-----------|
| Item No. | AI698-2700V05i360F | | | | |
| Frequency Range | MHz | 694-806 | 806-960 | 1427-1710 | 1710-2700 |
| Gain | dBi | 1.8±0.5 | 2.0±0.5 | 3.0±1.0 | 3.0±1.0 |
| Polarization | Vertical | | | | |
| Beam width | Horizontal | 360 | | | |
| | Vertical | deg | 90 | 70 | 40 |
| VSWR | | ≤1.8 | ≤1.5 | ≤1.8 | ≤1.5 |
| PIM, 3rd Order, 2 x 20 W, | dBc | ≤-153 | | | |
| Input Power, maximum | watts | 50 | | | |
| Impedance | ohm | 50 | | | |

Mechanical Specification

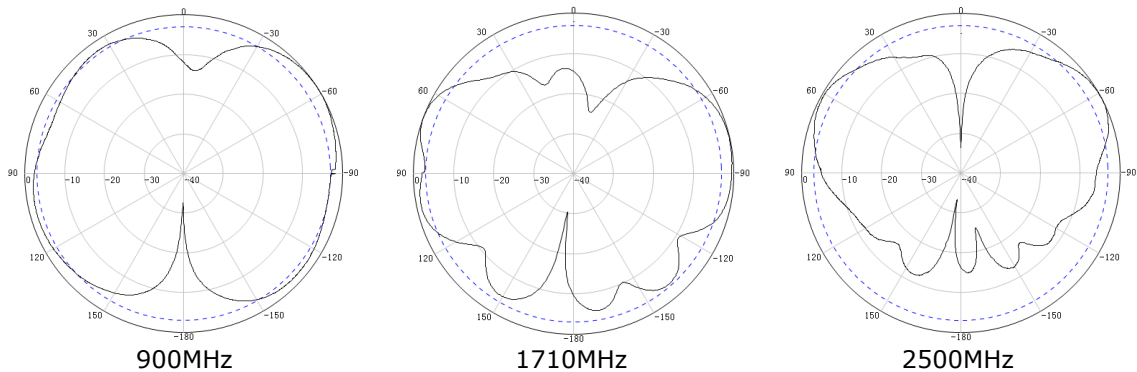
| | | |
|---------------------------|----|------------------------------|
| Connector Type | | N Female |
| Dimensions | mm | Φ203×115 |
| Weight | kg | 0.37 |
| Mounting Kit | | Ceiling, via hole (standard) |
| Radome Material and Color | | ABS, White, RAL9003 |
| Operational Temperature | oC | -55~60 |
| Operational Humidity | % | < 95 |

Radiation Pattern

Horizontal pattern



Vertical pattern



Features and Product Description

- Wideband Omni Antenna , coverage 698MHz - 2700MHz .
- Typically both used in indoor distribution of GSM/CDMA WIFI/3G/LTE services.
- Low return loss,Stable performance.
- Compact, light-weight and easy to install.
- Supplied with mounting clamp.
- PIM<-153dBc @ 2x20 W.
- N Female.

