



Electrical Specifications

| | | | | | | | | | | | |
|---------------------------|--------------------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Item No. | AI698-6000V05i360A | | | | | | | | | | |
| Frequency Range | MHz | 698-806 | 806-960 | 1427-1880 | 1880-1990 | 1990-2180 | 2305-2360 | 2360-2700 | 2700-3200 | 3200-5100 | 5100-6000 |
| Gain | dBi | 2.0 | 2.2 | 3.5 | 4.1 | 4.2 | 4.3 | 4.4 | 4.3 | 4.5 | 4.5 |
| Polarization | | Vertical | | | | | | | | | |
| Beam width | Horizont | 360 | | | | | | | | | |
| | Vertical | deg | 95 | 90 | 60 | 56 | 54 | 50 | 43 | 40 | 35 |
| VSWR | | ≤1.8 | ≤1.5 | ≤1.5 | ≤1.5 | ≤1.5 | ≤1.5 | ≤1.5 | ≤1.8 | ≤1.8 | ≤1.8 |
| PIM, 3rd Order, 2 x 20 W, | dBc | ≤-153 | | | | | | | | | |
| Input maximum Power, | watts | 50 | | | | | | | | | |

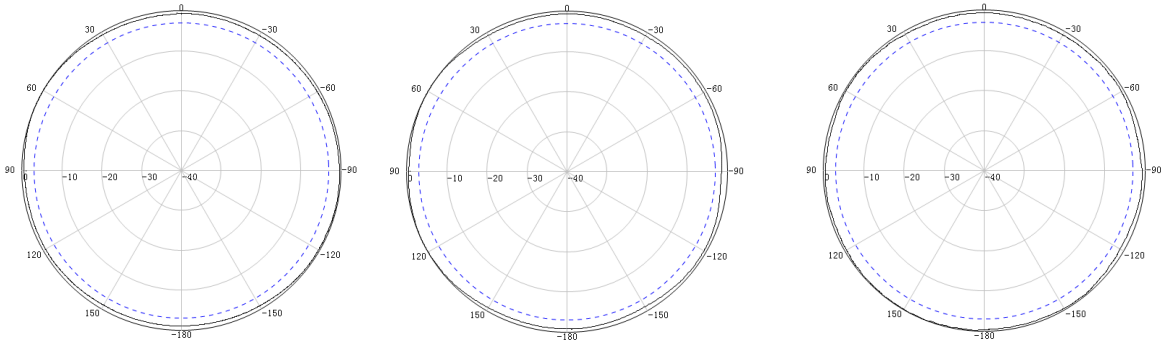
Mechanical Specification

| | | |
|---------------------------|----|------------------------------|
| Connector Type | | N Female |
| Dimensions | mm | Φ203×115 |
| Weight | kg | 0.51 |
| Mounting Kit | | Ceiling, via hole (standard) |
| Radome Material and Color | | ABS, White, RAL9003 |
| Operational Temperature | oC | -55~60 |
| Operational Humidity | % | < 95 |

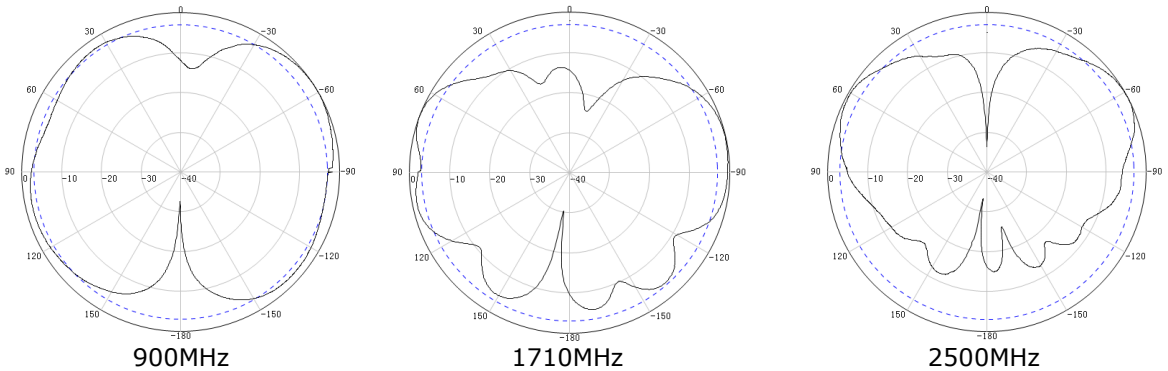
Radiation Pattern

Indoor Wide band Omni Antenna , coverage 698MHz - 6000MHz

Horizontal pattern



Vertical pattern



Features and Product Description

- Wideband Omni Antenna , coverage 698MHz - 6000MHz .
- 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.