

# Bi-Directional MIMO Panel Antenna

1710-2700MHz

3300-4000MHz

21001037-8

- 5G ready
- Pol. H/V
- Indoor / Outdoor
- Easy to be installed



## Technical Data

### Electrical Specifications

| Product No.                 | 2xN Female      | 21001037                |                                  |
|-----------------------------|-----------------|-------------------------|----------------------------------|
|                             | 2x4.3-10 Female | 21001038                |                                  |
| Frequency Range (MHz)       |                 | 1710-2700               | 3300-4000                        |
| Gain (dBi)                  |                 | 5.5±0.5                 | 6.0±0.5                          |
| Horizontal Beamwidth (°)    |                 | 120                     | 108                              |
| Vertical Beamwidth (°)      |                 | 51                      | 52                               |
| Polarization                |                 | Horizontal and Vertical |                                  |
| Isolation (dB)              |                 | 23                      | 23 (3300-3800)<br>20 (3800-4000) |
| VSWR                        |                 | ≤1.8                    | ≤2.0                             |
| PIM, 3rd Order, 2x20W (dBc) |                 | ≤-150                   |                                  |
| Input Power (W)             |                 | 100                     |                                  |
| Impedance (Ω)               |                 | 50                      |                                  |
| Lightning Protection        |                 | DC Ground               |                                  |

### Mechanical Specifications

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| Dimensions (excluding connectors and mounting bracket) (mm) | 340x190x82        |
| Weight (including cable and connectors) (kg)                | 1.0               |
| Rated Wind Velocity (km/h)                                  | 200               |
| Color                                                       | White, RAL 9003   |
| Radome Material                                             | ASA+PC (UL-94V0), |
| Mounting Hardware                                           | Included          |

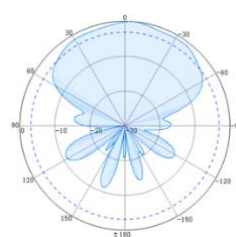
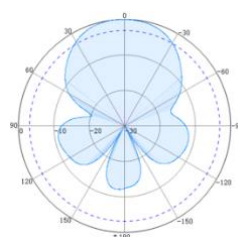
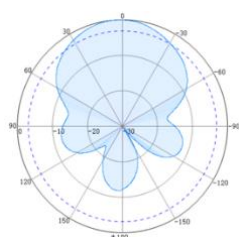
### Environmental Specifications

|                              |            |
|------------------------------|------------|
| Operational Temperature (°C) | -40 to +65 |
|------------------------------|------------|

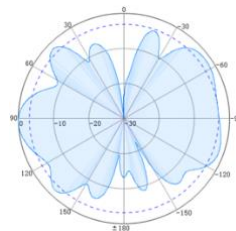
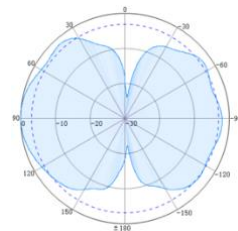
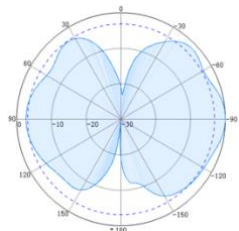
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## Radiation Patterns H Pol.

Horizontal



Vertical



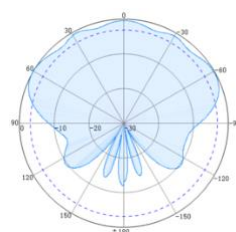
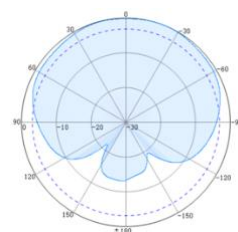
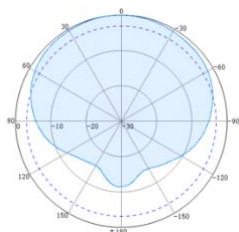
1700MHz

2100MHz

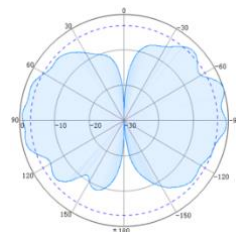
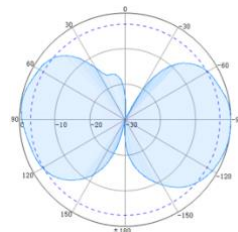
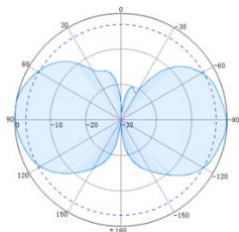
3800MHz

## Radiation Patterns V Pol.

Horizontal



Vertical



1700MHz

2100MHz

3800MHz

# Bi-Directional MIMO Panel Antenna

## Mechanical Drawing:

