

|                       |           |
|-----------------------|-----------|
| Frequency Range       | 617-960   |
|                       | 1710-2700 |
|                       | 3300-4200 |
| Polarization          | ±45°      |
| Half-Power Beam Width | 30°x30°   |
| Electrical Downtilt   | 0°        |

## Stadium Antenna

2-ports 617-4200 MHz ,30°x30°, 14.0 dBi, 0°Tilt Antenna.

### Electrical Specifications

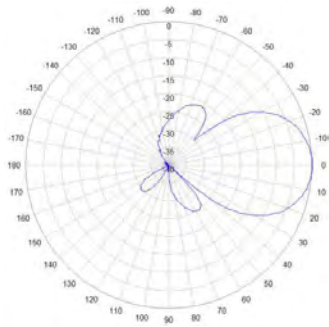
|                               |                              |         |             |           |           |
|-------------------------------|------------------------------|---------|-------------|-----------|-----------|
| Frequency Range(MHz)          | 617 - 800                    | 801-960 | 1695 - 2180 | 2181-2700 | 3300-4200 |
| Horizontal 3dB Beamwidth(°)   | 36                           | 33      | 35          | 30        | 29        |
| Vertical 3dB Beamwidth(°)     | 36                           | 33      | 35          | 29        | 30        |
| Gain(dBi)                     | 12.0                         | 13.0    | 12.5        | 14.0      | 13.8      |
| Horizontal Sidelobe(dB)       | 18(typical)/15(worst case)   |         |             |           |           |
| Vertical Sidelobe(dB)         | 18(typical)/15(worst case)   |         |             |           |           |
| Isolation(dB)                 | 28                           |         | 25          |           |           |
| F/B Ratio(dB)                 | 27                           |         |             |           |           |
| Maxim Input Power(w)          | 150                          |         |             |           | 100       |
| Polarization                  | ±45°                         |         |             |           |           |
| VSWR                          | 1.6(typical)/1.7(worst case) |         |             |           |           |
| Intermodulation IM3 @ 2×43dBm | -153dBc                      |         |             |           |           |
| Impedance                     | 50 ohm                       |         |             |           |           |



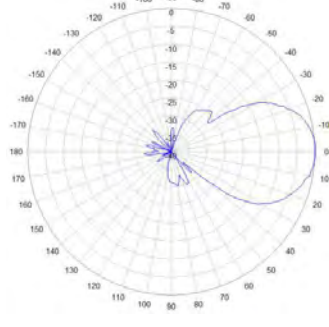
### Mechanical Specifications

|                            |                                   |
|----------------------------|-----------------------------------|
| Mounting Type              | Mounting Bracket                  |
| Number of Ports, all types | 2 ports: 2x4.3-10 for 617-4200MHz |
| Radome Color               | Grey                              |
| Radome Material            | Fiberglass ,UV resistant          |
| Dimensions                 | 775mm × 775mm × 120mm             |
| Net Weight                 | ~14.7Kg                           |
| Operating Temperature      | -40 °C to +70 °C                  |
| Application                | Indoor and Outdoor                |
| Relative Humidity          | Up to 100%                        |
| RoHS                       | Compliant                         |

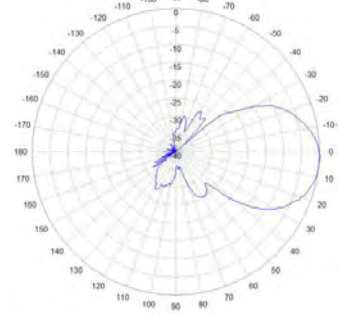
## Patterns



617-960MHz

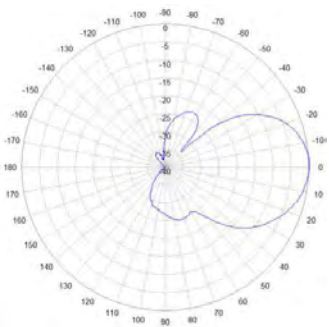


1695-2700MHz

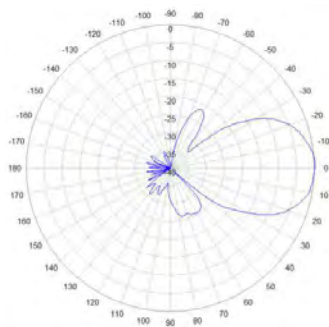


3300-4200MHz

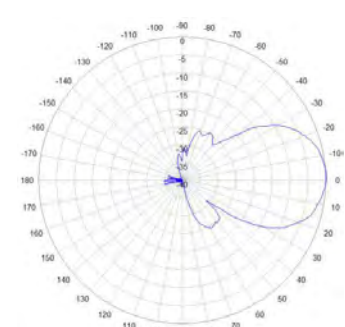
## Horizontal



617-960MHz



1695-2700MHz



3300-4200MHz

## Vertical