

|                       |                      |
|-----------------------|----------------------|
| Frequency Range       | 698-960<br>1695-2700 |
| Polarization          | ±45°                 |
| Half-Power Beam Width | 60°x60°              |
| Electrical Downtilt   | 0°                   |

## Stadium Antenna

2-ports 698-2700 MHz ,60°x60°, 9 dBi, 0°Tilt Antenna.

### Electrical Specifications

| Frequency Range(MHz)          | 698–800  | 800–960 | 1695–2180 | 2180-2700 |
|-------------------------------|----------|---------|-----------|-----------|
| Horizontal 3dB Beamwidth(°)   | 61       | 59      | 55        | 68        |
| Vertical 3dB Beamwidth(°)     | 62       | 59      | 55        | 66        |
| Gain(dBi)                     | 8        | 9       | 9         | 9         |
| Boresight CPR, dB             | 23       | 23      | 20        | 20        |
| Isolation, dB                 | 30       | 29      | 29        | 28        |
| Maxim Input Power(w)          | 200      |         |           |           |
| Polarization                  | ±45°     |         |           |           |
| VSWR                          | 1.5/14.0 |         |           |           |
| Intermodulation IM3 @ 2×43dBm | -153dBc  |         |           |           |
| Impedance                     | 50 ohm   |         |           |           |

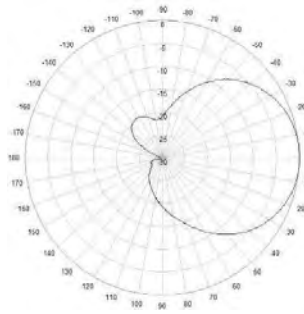


### Mechanical Specifications

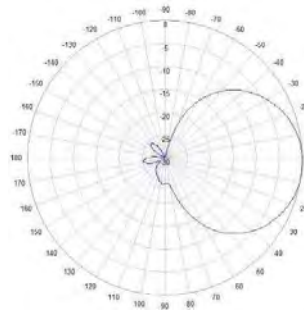
|                                |                      |
|--------------------------------|----------------------|
| Number of Ports, all types     | 4.3-10 x 2           |
| Package Quantity               | 1                    |
| Radome Color                   | White                |
| Radome Material                | ABS+ASA              |
| Dimensions                     | 370mm × 370mm ×130mm |
| Net Weight                     | ~3.8Kg               |
| Operating Temperature          | -40 °C to +60 °C     |
| Ingress Protection Test Method | IP65                 |
| Relative Humidity              | Up to 100%           |
| RoHS                           | Compliant            |

|                       |                            |
|-----------------------|----------------------------|
| Frequency Range       | 698-960<br>1695-2700       |
| Polarization          | $\pm 45^\circ$             |
| Half-Power Beam Width | $60^\circ \times 60^\circ$ |
| Electrical Downtilt   | $0^\circ$                  |

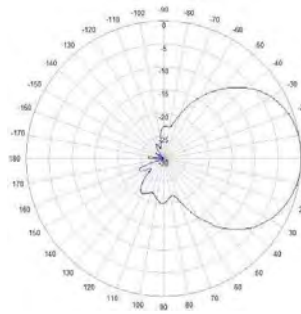
## Patterns



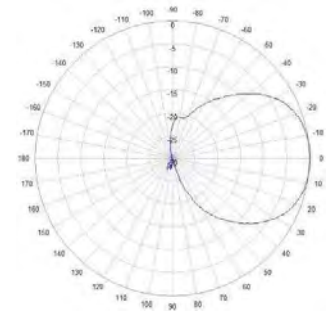
700MHz



960MHz

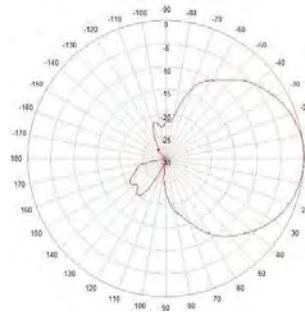


1710MHz

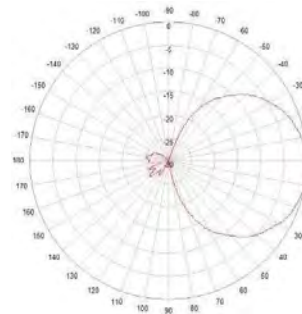


2600MHz

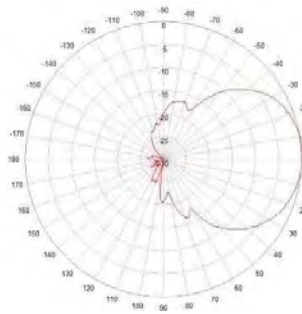
### Horizontal



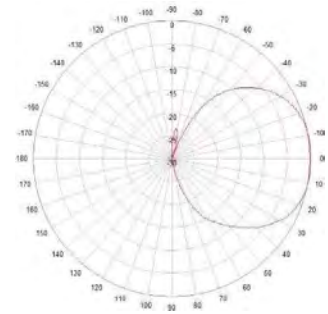
700MHz



960MHz



1710MHz



2600MHz

### Vertical