

|                      |           |
|----------------------|-----------|
| Frequency Range      | 698-960   |
|                      | 1695-2700 |
|                      | 3300-3800 |
| Polarization         | ±45°      |
| Half-Power BeamWidth | 20°x60°   |
| Electrical Downtilt  | 0°        |

Type DUA3-1B1J1Q-0R20V60

## Stadium Antenna

2-ports 698-3800 MHz ,20°x60°, 12dBi, 0°Tilt Antenna.

### Electrical Specifications

| Frequency Range(MHz)          | 698–800    | 800–960 | 1695–2180 | 2180-2700 | 3300-3800 |
|-------------------------------|------------|---------|-----------|-----------|-----------|
| Horizontal 3dB Beamwidth(°)   | 25         | 22      | 24        | 20        | 20        |
| Vertical 3dB Beamwidth(°)     | 69         | 65      | 68        | 59        | 57        |
| Gain(dBi)                     | 11.5       | 12      | 11        | 12        | 12.5      |
| Horizontal Sidelobe( dB)      | 16         |         |           |           |           |
| Isolation(dB)                 | 24         |         | 22        |           |           |
| F/B Ratio(dB)                 | 24         |         |           |           |           |
| Maxim Input Power(w)          | 150        |         |           |           | 100       |
| Polarization                  | ±45°       |         |           |           |           |
| VSWR                          | 1.7 / 11.7 |         |           |           |           |
| Intermodulation IM3 @ 2×43dBm | -153dBc    |         |           |           |           |
| Impedance                     | 50 ohm     |         |           |           |           |



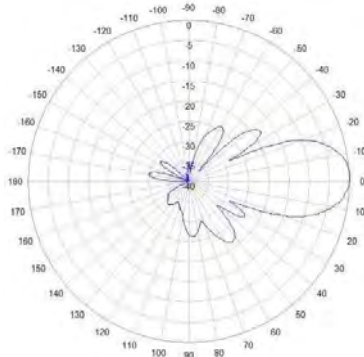
### Mechanical Specifications

|                              |                   |
|------------------------------|-------------------|
| Mounting Type                | Mounting Bracket  |
| Number of Ports, all types   | 2 x 4.3-10(f)     |
| Radome Color                 | Off-white         |
| Radome Material              | ASA, UV resistant |
| Net size, Length*Width*Depth | 970*425*120mm     |
| Maximum Wind-loading         | 216 km/h          |
| Net Weight                   | 11.8Kg            |
| Operating Temperature        | -40 °C to +70 °C  |
| Relative Humidity            | 0 to 100%         |
| IP Level                     | IP65              |

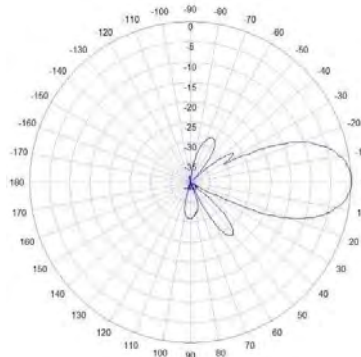
|                      |                            |
|----------------------|----------------------------|
| Frequency Range      | 698-960                    |
|                      | 1695-2700                  |
|                      | 3300-3800                  |
| Polarization         | $\pm 45^\circ$             |
| Half-Power BeamWidth | $20^\circ \times 60^\circ$ |
| Electrical Downtilt  | $0^\circ$                  |

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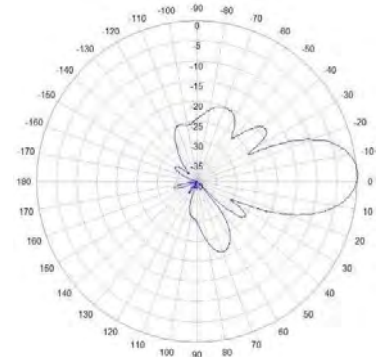
## Patterns



900MHz

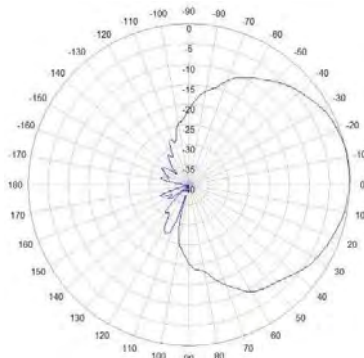


2300MHz

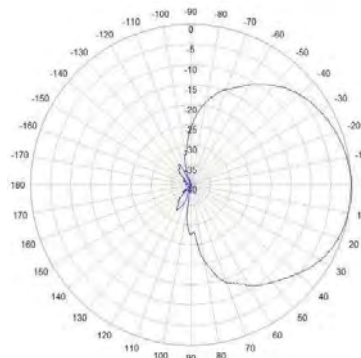


3500MHz

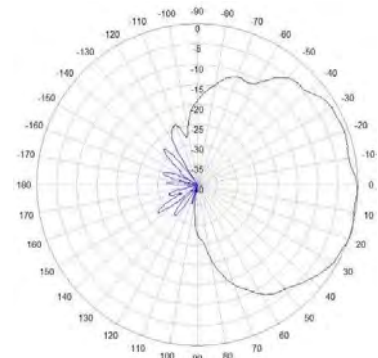
Horizontal



900MHz



2300MHz



3500MHz

Vertical