

Frequency Range	698-960
	1695-2700
	3300-3800
Polarization	±45°
Half-Power BeamWidth	30°x30°
Electrical Downtilt	0°

Type DUA2-1B1J1Q-0R30V30

Stadium Antenna

2-ports 698-3800 MHz ,30°x30°, 13.5dBi, 0°Tilt Antenna.

Electrical Specifications

Frequency Range(MHz)	698–800	800–960	1695–2180	2180-2700	3300-3800
Horizontal 3dB Beamwidth(°)	35	31	34	29	30
Vertical 3dB Beamwidth(°)	35	31	34	29	30
Gain(dBi)	11.5	12	13	13.5	13.5
Horizontal Sidelobe(dB)	18(typical) / 16(worst case)				
Vertical Sidelobe(dB)	18(typical) / 15(worst case)				
Isolation(dB)	26	26	26	26	29
F/B Ratio(dB)	25	25	25	25	28
Maxim Input Power(w)	200				100
Polarization	H+V				
VSWR	1.5(typical) / 1.6(worst case)				
Intermodulation IM3 @ 2×43dBm	-153dBc				N/A
Impedance	50 ohm				



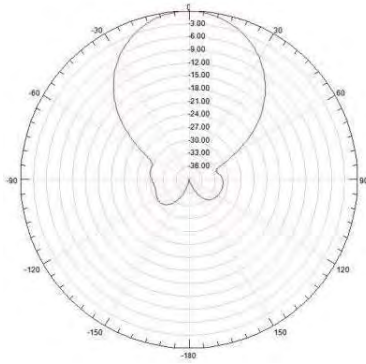
Mechanical Specifications

Number of Ports, all types	2x4.3-10
Package Quantity	1
Radome Color	White
Radome Material	ABS+ASA, UV resistant
Dimensions	695mm × 695mm × 95mm
Net Weight	~11Kg
Operating Temperature	-40 °C to +60 °C
Ingress Protection Test Method	IP65
Relative Humidity	Up to 100%
RoHS	Compliant

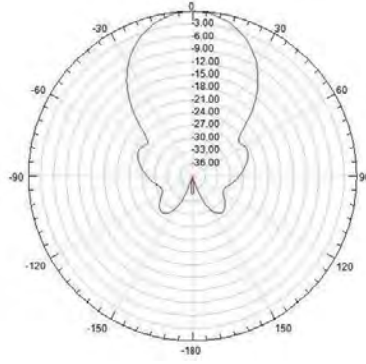
Frequency Range	698-960
	1695-2700
	3300-3800
Polarization	$\pm 45^\circ$
Half-Power BeamWidth	$30^\circ \times 30^\circ$
Electrical Downtilt	0°

Type DUA2-1B1J1Q-0R30V30

Patterns



698-960MHz

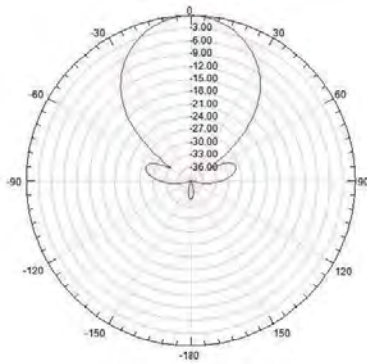


1695-2700MHz

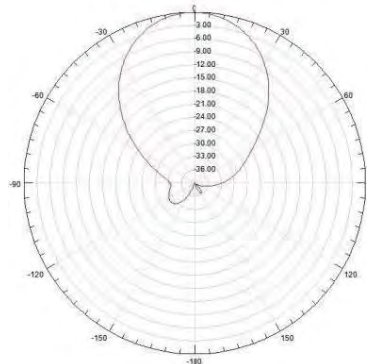


3300-4000MHz

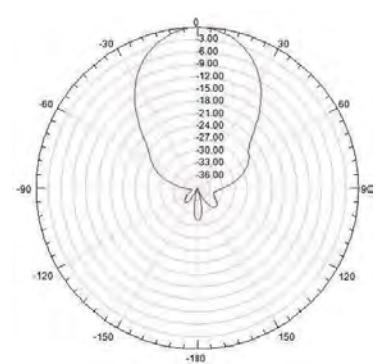
Horizontal



698-960MHz



1695-2700MHz



3300-4000MHz

Vertical