

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

Stadium Antenna

2-ports 698-2700 MHz ,30°x30°, 14 dBi, 0°Tilt Antenna.

Electrical Specifications

Frequency Range(MHz)	698-800	800-960	1695-2180	2180-2700
Horizontal 3dB Beamwidth(°)	34	32	35	30
Vertical 3dB Beamwidth(°)	35	33	35	29
Gain(dBi)	13	13.5	13	14
Horizontal Sidelobe(dB)	18(typical) / 16(worst case)			
Vertical Sidelobe(dB)	18(typical) / 16(worst case)			
Isolation(dB)	30			
F/B Ratio(dB)	27	30	30	30
Maxim Input Power(w)	200			
Polarization	±45°			
VSWR	1.5(typical) / 1.6(worst case)			
Intermodulation IM3 @ 2×43dBm	-153dBc			
Impedance	50 ohm			

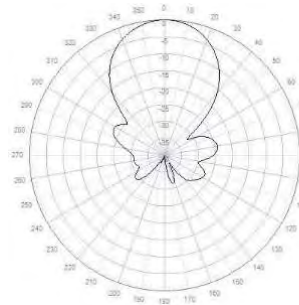


Mechanical Specifications

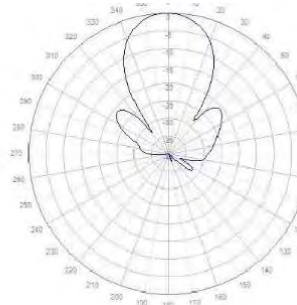
Number of Ports, all types	4.3-10 x 2
Package Quantity	1
Radome Color	Grey
Radome Material	Fiberglass, UV resistant
Dimensions	820mm × 820mm × 120mm
Net Weight	14.5Kg
Operating Temperature	-40 °C to +60 °C
Ingress Protection Test Method	IP65
Relative Humidity	Up to 100%
RoHS	Compliant

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

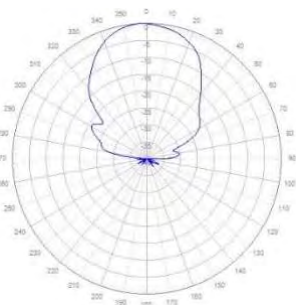
Patterns



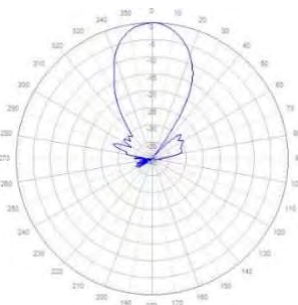
700MHz



960MHz

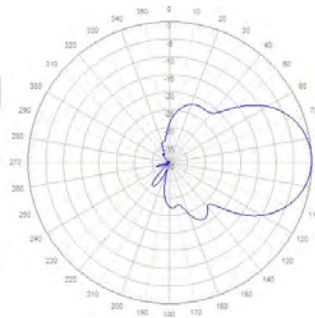


1710MHz

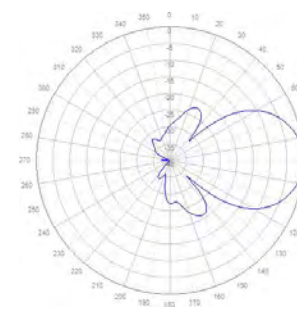


2600MHz

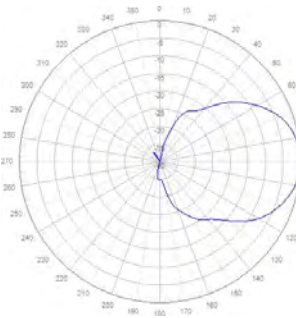
Horizontal



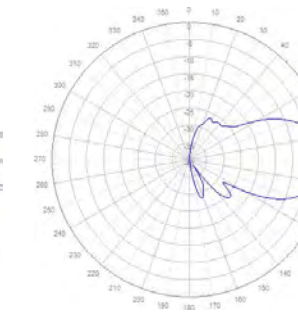
700MHz



960MHz



1710MHz



2600MHz

Vertical