

Frequency Range	698-960x2 1695-2700x2
Polarization	±45°
Half-Power Beam Width	20°x60°
Electrical Downtilt	0°

Type DUA4-1B1J-0R20V60

Stadium Antenna

2-ports 698-2700 MHz ,20°x60°, 13 dBi, 0°Tilt Antenna.

Electrical Specifications

Frequency Range(MHz)	698–800	800–960	1695–2180	2180-2700
Horizontal 3dB Beamwidth(°)	25	22	25	20
Vertical 3dB Beamwidth(°)	68	65	68	64
Gain(dBi)	11	12.5	12	13
Horizontal Sidelobe(dB)	18(typical) / 16(worst case)			
Boresight CPR(dB)	20	20	17	17
Isolation(dB)	25	24	23	23
Maxim Input Power(w)	200			
Polarization	±45°			
VSWR	1.5/14.0			
Intermodulation IM3 @ 2×43dBm	-153dBc			
Impedance	50 ohm			

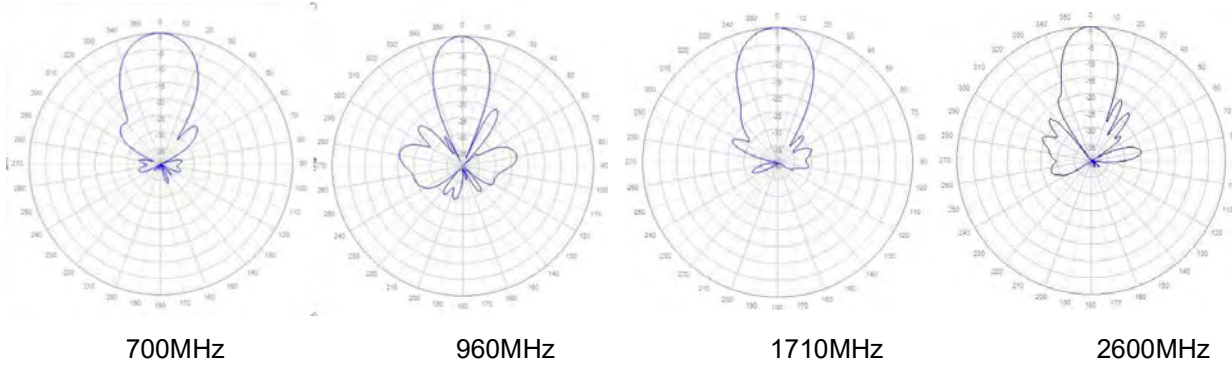


Mechanical Specifications

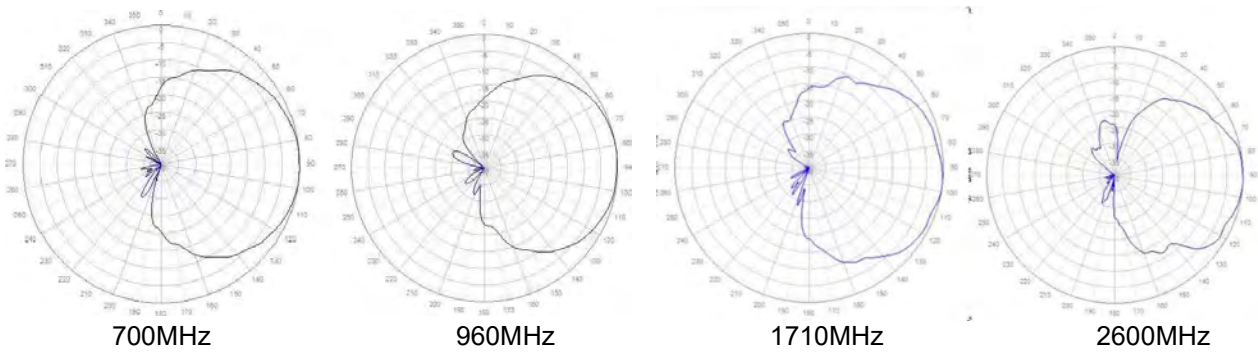
Number of Ports, all types	4.3-10 x2
Package Quantity	1
Radome Color	Grey
Radome Material	ABS+ASA
Dimensions	970mm × 425mm × 120mm
Net Weight	8.8Kg
Operating Temperature	-40 °C to +60 °C
Ingress Protection Test Method	IP65
Relative Humidity	Up to 100%
RoHS	Compliant

Frequency Range	698-960x2 1695-2700x2
Polarization	$\pm 45^\circ$
Half-Power Beam Width	$20^\circ \times 60^\circ$
Electrical Downtilt	0°

Patterns



Horizontal



Vertical