

Frequency Range	2x1695-2690 4x3300-4200
Polarization	±45°
Half-Power Beam Width	30°x30°
Electrical Downtilt	0°

Type **DOD2-2J4R-0R30V30**

Stadium Antenna

12-ports 2x1695-2690 / 4x3300-4200 MHz ,30°x30°, 17.0/16.0 dBi, 0°Tilt Antenna.

Electrical Specifications

Frequency Band, MHz	1695-2200	2201-2690	3300-3800	3801-4200
HBW, Ave., degrees	25±4	19±3.5	24±4	21±3
VBW, Ave., degrees	32±4	26±4	32±4	28±4
Gain, Ave., dBi	15.5±0.8	16.8±0.8	15.5±0.8	16±0.5
Horizontal Sidelobes, dB	24(typical) / 20(worst case)			
Vertical Sidelobes, dB	23(typical) / 20(worst case)	22(typical) / 17(worst case)	23(typical) / 20(worst case)	22(typical) / 17(worst case)
Isolation, dB	28			
F/B Ratio @ 180 ± 30°, dB	30			
VSWR	≤1.5			
Maxim Input Power, Watts	150		100	
3rd PIM, @ 2*20W, dBc	-153			
Impedance, Ohm	50			
Polarization	±45°			

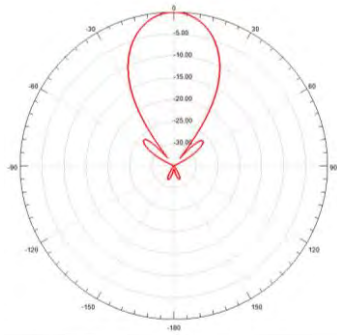


Mechanical Specifications

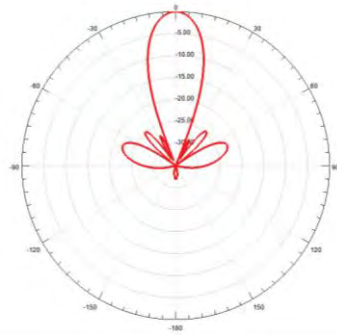
Mounting Type	Pole mount or Wall mount
Number of Ports, all types	4 x 4.3-10(f) for 1695-2690MHz; 8 x 4.3-10(f) for 3300-4200MHz
Radome Color	White or Grey
Radome Material	Fiberglass
Net size, Length*Width*Depth, mm	756*756*118
Maximum Wind-loading	216 km/h
Net Weight, Kg	~15
Operating Temperature	-30 °C to +70 °C
Application	Indoor and Outdoor
RoHS	Compliant

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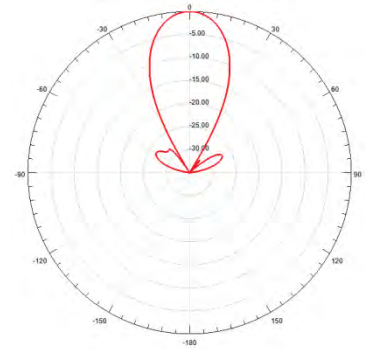
Patterns



1695MHz

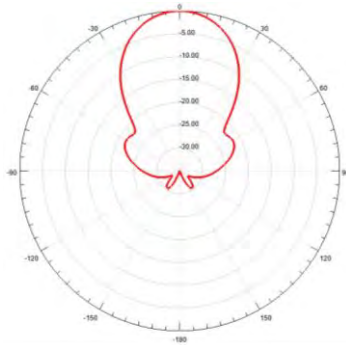


2690MHz

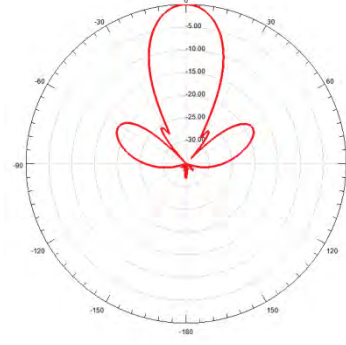


3750MHz

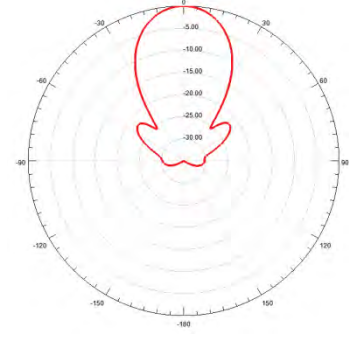
Azimuth



1695MHz



2690MHz



3750MHz

Elevation