

OA-2A4Z00-A2A Data Sheet v0.1

XXXXXX Pol,690-960/690-960/3300-4200/3300-4200/3300-4200/3300-4200MHz
 360/360/360/360/360/360 Horizontal Beamwidth,6.0/6.0/9.0/9.0/9.0/9.0dBi
 E-tilt:3/3/3/3/3/3
 0.7m 12-Port 2L4H Omni Antenna

Electrical Properties(BASTA 11.1)

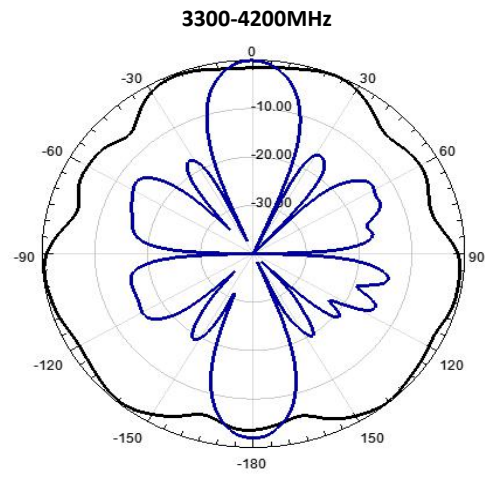
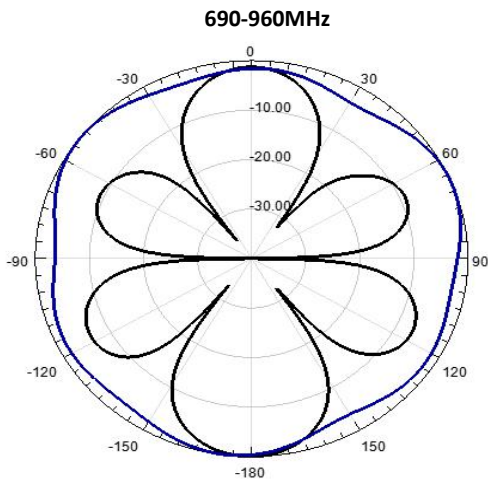
Frequency Band(MHz)	690-960(R1,R2)			3300-4200(P1,P2,P3,P4)	
	690-803	790-894	880-960	3300-3800	3800-4200
Polarization	±45°			±45°	
Gain(dBi)	5.0±0.4	5.1±0.4	5.2±0.4	8.0±0.6	8.5±0.6
Horizontal 3dB Beam Width(°)	360	360	360	360	360
Vertical 3dB Beam Width(°)	38±5	35±4	32±4	18±3	16±3
Electrical Downtilt(°)	2			2	
VSWR	< 1.5			< 1.5	
Cross-polar Isolation(dB)	>25			>25	
Interband Isolation(dB)	>25				
3rd Order PIM(dBc) @2 x 43dBm	< -150			/	
Impedance(Ω)	50			50	
Power Handling(W)	200			100	

Mechanical Specifications

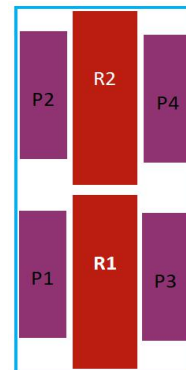
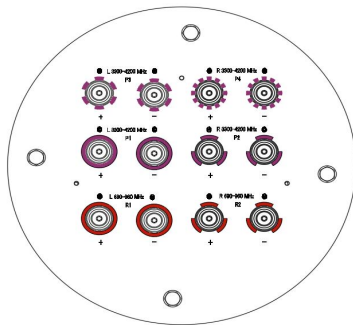
Antenna Dimensions (DxH) (mm)	φ380 x 680
Packing Dimensions (LxWxH) (mm)	840 x 490 x 490
Lightning Protection	DC Ground
Antenna Weight (kg)	8
Instalation kit weight(kg)	7
Packed Weight (kg)	18
Connector	12 x 4.3-10 Female
Radome Material	ASA Capped ABS
Wind Load at 150 km/h(N) (Front /Rear/Side)	373/373/373
Maximum Wind Speed(km/h)	241
Operating Temperature Range(°C)	-40-+65



Pattern sample for reference



Layout of interface



Accessories

Item	Model	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	/	/	/	/