

OA-2A2J2Z00-P3A Data Sheet v0.1

XXXXXX Pol,698-960/698-960/1695-2690/1695-2690/3300-4200/3300-4200MHz
 360/360/360/360/360/360 Horizontal Beamwidth,3.0/3.0/7.0/7.0/7.0/7.0dBi
 E-tilt:0/0/3/3/3/3
 0.6m 12-Port 2L2M2H Omni Antenna

Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	694-960(R1,R2)		1695-2690(Y1,Y2)			3300-4200(P1,P2)	
	698-820	820-960	1695-2200	2300-2400	2490-2690	3300-3800	3800-4200
Polarization	±45°		±45°			±45°	
Gain(dBi)	2.5±0.5	3.0±0.5	7.3±0.5	7.5±0.5	8.0±0.5	7.8±0.5	8.5±0.5
Horizontal 3dB Beam Width(°)	360		360			360	
Vertical 3dB Beam Width(°)	80±10	65±10	23±3	20±3	18±3	26±4	24±3
Downtilt(°)	0		3			3	
VSWR	< 1.5		< 1.5			< 1.5	
Cross-polar Isolation(dB)	>20		>25			>25	
Interband Isolation(dB)			>20				
3rd Order PIM(dBc) @2 x 43dBm	< -153		< -153			/	
Impedance(Ω)	50		50			50	
Power Handling(W)	150		150			150	

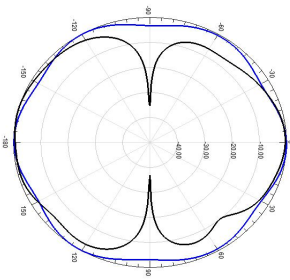
Mechanical Specifications

Antenna Dimensions (DxH) (mm)	∅380 x 500
Packing Dimensions (HxWxD) (mm)	850 x 500 x 500
Lightning Protection	DC Ground
Antenna Weight (kg)	10
Instalation kit weight(kg)	7
Packed Weight (kg)	20
Connector	12 x 4.3-10 Female
Radome Material	PVC
Wind Load at 150 km/h(N) (Front /Rear/Side)	307/307/307
Maximum Wind Speed(km/h)	241
Operating Temperature Range(°C)	-40-+65

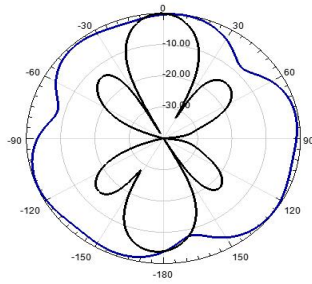


Pattern sample for reference

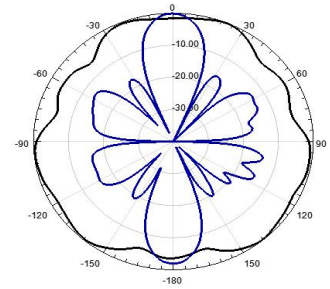
698-960(R1,R2)



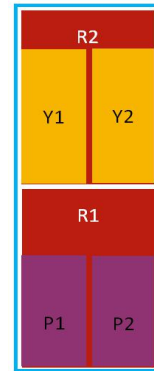
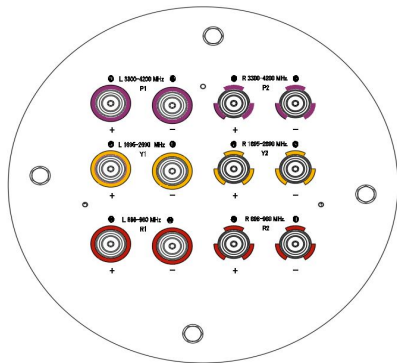
1710-2690(Y1,Y2)



3300-4200(P1,P2)



Layout of interface



Accessories

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