

OA-2J2ZY00-F7A Data Sheet v0.1

XXXXX Pol,1695-2690/1695-2690/3400-3800/3400-3800/5150-5925MHz

360/360/360/360/360 Horizontal Beamwidth,8.0/8.0/5.0/5.0/5.0dBi

E-tilt:7/7/0/0/0

0.6m 10-Port 2M3H Omni Antenna

Electrical Properties(BASTA 11.1)

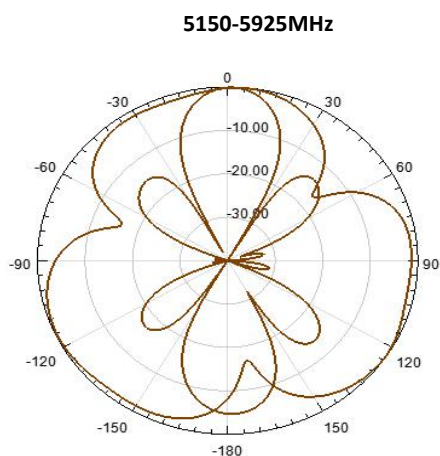
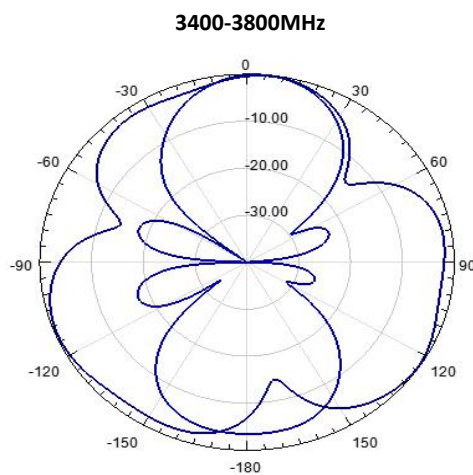
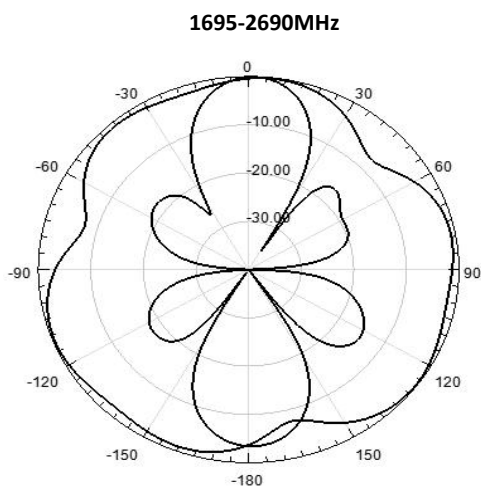
Frequency Band(MHz)	1695-2690(Y1,Y2)				3400-3800(P1,P2)		5150-5925(O1)
	1695-1990	1920-2200	2300-2400	2490-2690	3400-3600	3600-3800	5150-5925
Polarization	±45°						
Gain(dBi)	6.6±0.4	7.2±0.5	7.5±0.4	7.8±0.5	4.8±0.5	5.2±0.5	4.5±0.5
Horizontal 3dB Beam Width(°)	360				360		360
Vertical 3dB Beam Width(°)	23±3	21±3	20±2	19±3	34±4	32±4	22±5
1st Upper Sidelobe Suppression(dB)	14				12		9
Electrical Downtilt(°)	7°				0°		0°
VSWR	≤1.5				≤1.5		≤1.5
Cross-polar Isolation(dB)	>25				>22		>22
Inter-band Isolation(dB)	>28				>28		>28
3rd Order PIM(dBc) @2 x 43dBm	< -150				NA		NA
Impedance(Ω)	50				50		50
Power Handling(W)	150				50		5

Mechanical Specifications

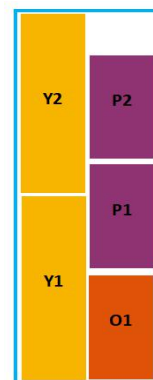
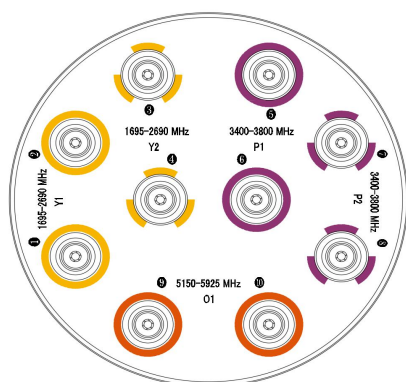
Antenna Dimensions (Hxφ) (mm)	600 x φ200
Packing Dimensions (HxWxD) (mm)	1000 x 330 x 330
Lightning Protection	DC Ground
Antenna Weight (kg)	9.0
Instalation kit weight(kg)	5.0
Packed Weight (kg)	16.0
Connector	10 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N)	173/165/173
Maximum Wind Speed(km/h)	200
Operating Temperature Range(°C)	-40+65



Pattern sample for reference



Layout of interface



Accessories

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