

OA-2J1-F3A Data Sheet v0.1

XX Pol,1710-2690/1710-2690MHz
 360/360 Horizontal Beamwidth,11.0/11.0dBi
 E-tilt:3/3
 1.0m 4-Port 2M Omni Antenna

Electrical Properties(BASTA 11.1)

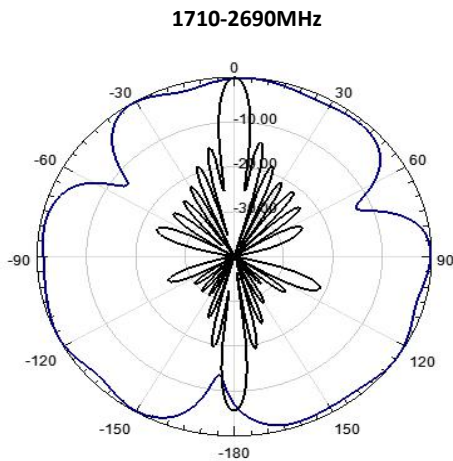
Frequency Band(MHz)	1710-2690(Y1,Y2)			
	1710-1990	1920-2200	2300-2400	2490-2690
Polarization	±45°			
Gain(dBi)	10.5±0.6	11.0±0.6	12±0.6	12.5±0.6
Horizontal 3dB Beam Width(°)	360	360	360	360
Vertical 3dB Beam Width(°)	8.8±1.5	8.2±1.5	6.8±1.0	6.1±1.2
Electrical Downtilt(°)	3			
VSWR	< 1.5			
Cross-polar Isolation(dB)	>25			
Interband Isolation(dB)	>25			
3rd Order PIM(dBc) @2 x 43dBm	< -150			
Impedance(Ω)	50			
Power Handling(W)	100			

Mechanical Specifications

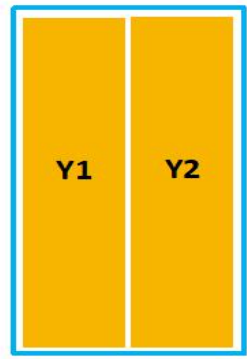
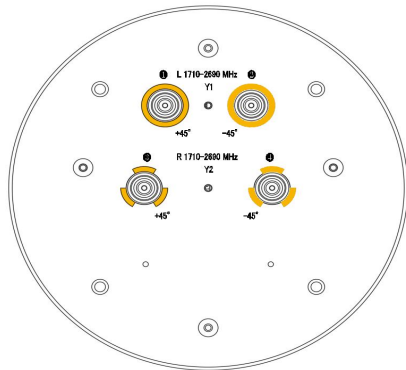
Antenna Dimensions (DxH) (mm)	φ280 x 995
Packing Dimensions (LxWxH) (mm)	1300 x 380 x 380
Lightning Protection	DC Ground
Antenna Weight (kg)	14.5
Instalation kit weight(kg)	5
Packed Weight (kg)	22
Connector	4 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	402/382/402
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
/	/	/	/	/