

OA-J1-P8A Data Sheet v1.0

X Pol,1710-2690MHz

360 Horizontal Beamwidth,7.0dBi

E-tilt:0&8

0.7M 2-Port 1M Small Cell-Omni Antenna

Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	1710-2690(Y1)			
	1710-1990	1920-2200	2300-2400	2490-2690
Polarization	±45°			
Gain(dBi)	6.5±0.4	6.7±0.3	6.8±0.3	6.9±0.3
Horizontal 3dB Beam Width(°)	360	360	360	360
Vertical 3dB Beam Width(°)	19±0.8	18±0.8	15±0.6	13±0.6
Cross Polar Ratio at 0°(dB)	10	10	10	10
1st Upper Sidelobe Suppression(dB)	17	17	17	17
Electrical Downtilt(°)	T0&T8			
VSWR	<1.5			
Cross-polar Isolation(dB)	>28			
3rd Order PIM(dBc)	<-150@2 x 43 dBm			
Impedance(Ω)	50			
Power Handling(W)	200			

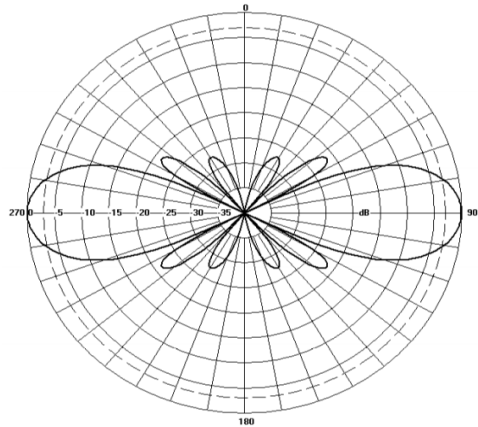
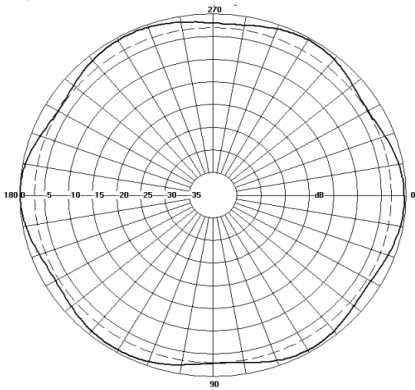
Mechanical Specifications

Antenna Dimensions (φxL) (mm)	φ115 x 650
Packing Dimensions (HxWxD) (mm)	800 x 200 x 200
Lightning Protection	DC Ground
Antenna Weight (kg)	2
Packed Weight (kg)	4
Connector	2 x 4.3-10 Female
Radome Material	UPVC
Wind Load at 150 km/h(N) (Front /Rear/Side)	70/70
Maximum Wind Speed(km/h)	200
Diameter of Installation Pole(mm)	Φ25-Φ60
Operating Temperature Range(°C)	-40-+70

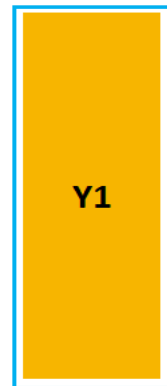
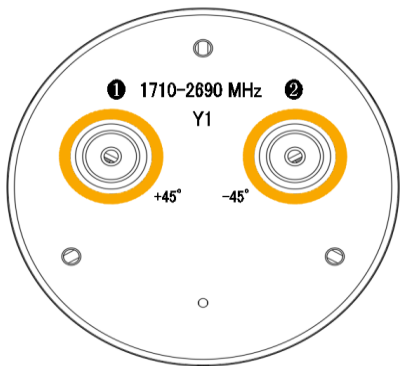


Pattern sample for reference

1710-2690MHz



Layout of interface



Accessories

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