

## JS-J2-F2A Data Sheet v1.0

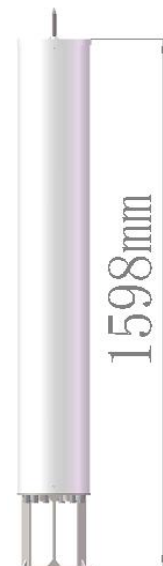
XXX Pol,1710-2690/1710-2690/1710-2690MHz  
 65/65/65 Horizontal Beamwidth,18.0/18.0/18.0dBi  
 E-tilt:2-12/2-12/2-12  
 1.6m 6-Port 1M 3-Sector Antenna with Outboard RCU

## Electrical Properties(BASTA 11.1)

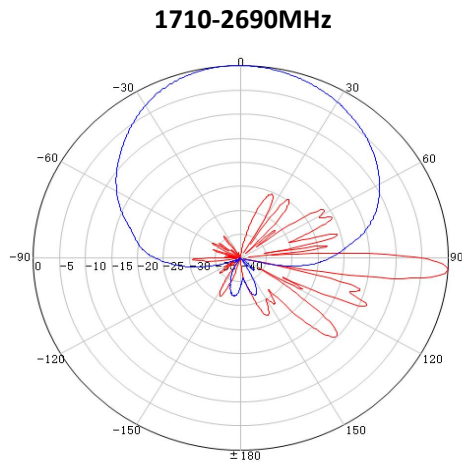
Frequency Band(MHz)	1710-2690(Y1,Y2,Y3)			
	1710-1920	1920-2300	2300-2490	2490-2690
Polarization	±45°			
Gain(dBi)	17.1±1.0	17.6±0.5	18.1±0.5	18.3±0.5
Horizontal 3dB Beam Width(°)	68±4	63±4	62±4	61±4
Vertical 3dB Beam Width(°)	7.5±0.6	6.9±0.6	6.0±0.3	5.5±0.3
Front to Back Ratio at 180±30°(dB)	25	25	25	25
Cross Polar Ratio at 0°(dB)	18	18	18	18
Cross Polar Ratio Sector ±60°(dB)	10	10	10	10
1st Upper Sidelobe Suppression(dB)	16	16	16	16
Electrical Downtilt(°)	2-12			
VSWR	< 1.5			
Cross-polar Isolation(dB)	>28			
Interband Isolation(dB)	>28			
3rd Order PIM(dBc)	< -153@2 x 43 dBm			
Impedance(Ω)	50			
Power Handling(W)	250			

## Mechanical Specifications

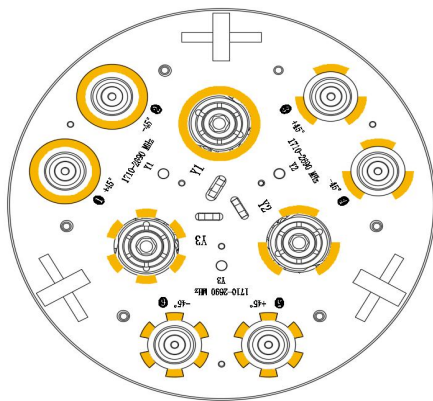
Antenna Dimensions (HxWxD) (mm)	1598 x φ200
Packing Dimensions (HxWxD) (mm)	1790 x 280 x 290
Lightning Protection	DC Ground
Antenna Weight (kg)	14
Packed Weight (kg)	18
Connector	6 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	459/459/459
Maximum Wind Speed(km/h)	241
Diameter of Installation Pole(mm)	/
Operating Temperature Range(°C)	-40-+65
RET Type	/
RET Protocols	/



Pattern sample for reference



Layout of interface



Accessories

Item	Item	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	/	/	-10°~+10°	1