

## DR-6J2-F2A Data Sheet v0.3

XXXXXX Pol, 1710-2690/1710-2690/1710-2690/1710-2690/1710-2690/1710-2690MHz

65/65/65/65/65/65 Horizontal Beamwidth,18.0/18.0/18.0/18.0/18.0/18.0dBi

E-tilt: 2-12/2-12/2-12/2-12/2-12/2-12

2.7m 12-Port 6M Antenna with Integrated RCU

## Electrical Properties(BASTA 11.1)

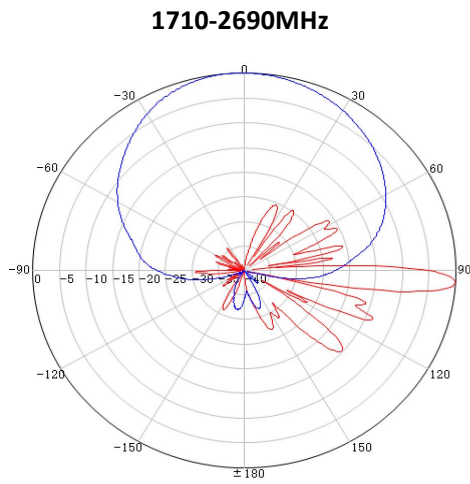
Frequency Band(MHz)	1710-2690(Y1,Y2,Y3,Y4,Y5,Y6)			
	1710-1990	1920-2200	2300-2400	2490-2690
Polarization	±45			
Gain(dBi)	17.0±0.5	17.3±0.5	17.6±0.5	18.1±0.5
Horizontal 3dB Beam Width(°)	69±5	68±5	65±5	65±5
Vertical 3dB Beam Width(°)	7.4±0.5	6.9±0.6	6.3±0.4	5.7±0.5
Front to Back Ratio at 180±30°(dB)	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			
3rd Order PIM(dBc)	< -153@2 x 43 dBm			
Impedance(Ω)	50			
Power Handling(W)	250			

## Mechanical Specifications

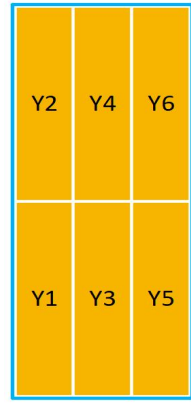
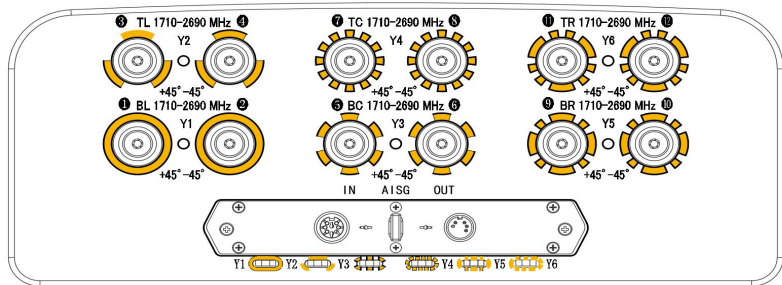
Antenna Dimensions (HxWxD) (mm)	2685 x 380 x 150
Packing Dimensions (HxWxD) (mm)	2970 x 470 x 250
Lightning Protection	DC Ground
Antenna Weight (kg)	31
Packed Weight (kg)	46
Connector	12 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	1474/1400/582
Maximum Wind Speed(km/h)	241
Diameter of Installation Pole(mm)	Φ50-Φ114
Operating Temperature Range(°C)	-40~+65
RET Type	Integrated RCU
RET Protocols	AISG 2.0/3GPP



Pattern sample for reference



Layout of interface



Array ID	RF Connector	RET	Frequency(MHz)	AISG RET UID
Y1	1-2	1	1710-2690	MKxxxxxxxxxxxxxxxxY1
Y2	3-4	2	1710-2690	MKxxxxxxxxxxxxxxxxY2
Y3	5-6	4	1710-2690	MKxxxxxxxxxxxxxxxxY3
Y4	7-8	3	1710-2690	MKxxxxxxxxxxxxxxxxY4
Y5	9-10	6	1710-2690	MKxxxxxxxxxxxxxxxxY5
Y6	11-12	5	1710-2690	MKxxxxxxxxxxxxxxxxY6

\* For more information, please refer to the specification of RET.

Accessories

Item	Item	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-017-1101A	8.0kg	0-8°	1