

## DR-J3-F2A Data Sheet v0.1

X Pol,1710-2690MHz

65 Horizontal Beamwidth,19.0dBi

E-tilt:2-8

2m 2-Port 1M Antenna with Integrated RCU

## Electrical Properties(BASTA 11.1)

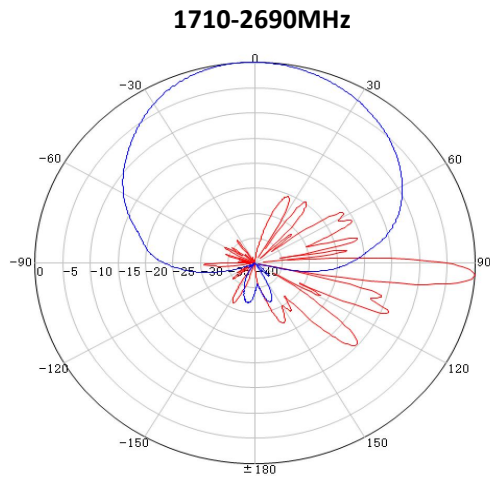
Frequency Band(MHz)	1710-2690(Y1)			
	1710-1990	1920-2200	2300-2400	2490-2690
Polarization	±45			
Gain(dBi)	18.5±0.5	18.9±0.5	19.3±0.5	19.7±0.5
Horizontal 3dB Beam Width(°)	69±5	68±5	64±4	61±4
Vertical 3dB Beam Width(°)	5.4±0.5	4.9±0.6	4.3±0.4	4.0±0.5
Front to Back Ratio at 180±30°(dB)	25	25	25	25
Cross 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(°)	2-8			
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

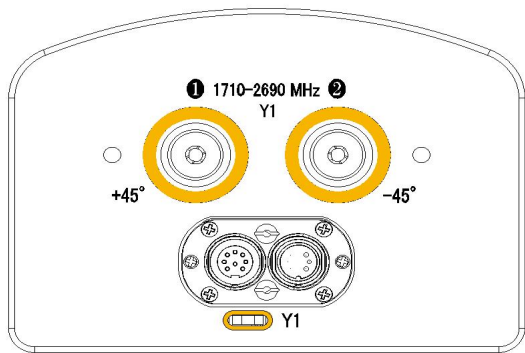
Antenna Dimensions (HxWxD) (mm)	1995 x 160 x 115
Packing Dimensions (HxWxD) (mm)	2210 x 250 x 220
Lightning Protection	DC Ground
Antenna Weight (kg)	14
Packed Weight (kg)	19.5
Connector	2 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	438/461/331
Maximum Wind Speed(km/h)	241
Diameter of Installation Pole(mm)	Φ50-Φ115
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(S RET)	Frequency(MHz)	AISG RET UID
Y1	1-2	1	1710-2690	MKXXXXXXXXXXXXXXXXY1

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

Accessories

Item	Item	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-014-1101A	3.0kg	0-10°	1