


DR-A2-F2A Data Sheet v0.2

X Pol,694-960MHz
 65 Horizontal Beamwidth,15.0dBi
 E-tilt:2-12
 1.5m 2-Port 1L Antenna with Integrate RCU

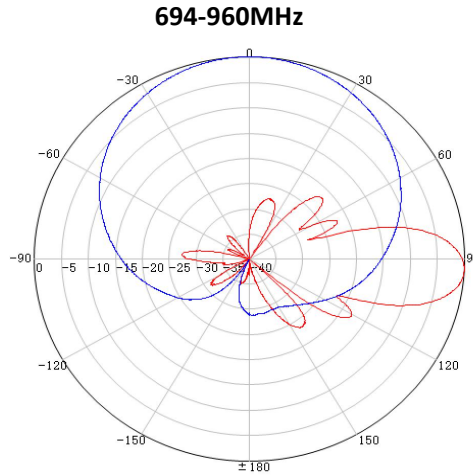
Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	694-960(R1)		
	694-803	790-894	880-960
Polarization	±45°		
Gain(dBi)	14.4±0.5	14.7±0.5	15.1±0.5
Horizontal 3dB Beam Width(°)	68±4	66±4	63±4
Vertical 3dB Beam Width(°)	15±1.2	14.4±1.2	13.5±1
Front to Back Ratio at 180±30°(dB)	25	25	25
Cross Polar Ratio at 0°(dB)	15	15	15
Cross Polar Ratio Sector ±60°(dB)	10	10	10
1st Upper Sidelobe Suppression(dB)	16	16	16
Electrical Downtilt(°)	2-12		
VSWR	< 1.5		
Cross-polar Isolation(dB)	>28		
Interband Isolation(dB)	/		
3rd Order PIM(dBc)	< -153@2 x 43 dBm		
Impedance(Ω)	50		
Power Handling(W)	500		

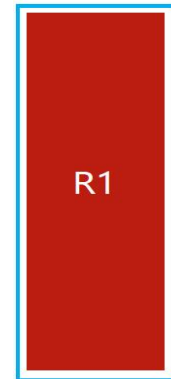
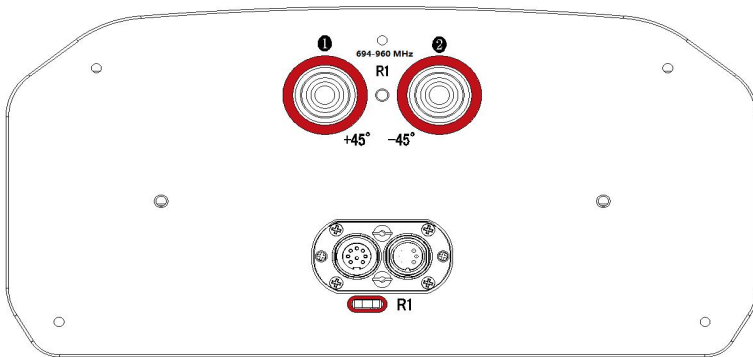
Mechanical Specifications

Antenna Dimensions (HxWxD) (mm)	1495 x 295 x 145	
Packing Dimensions (HxWxD) (mm)	1710 x 365 x 225	
Lightning Protection	DC Ground	
Antenna Weight (kg)	13.2	
Packed Weight (kg)	21.0	
Connector	2 x 4.3-10 Female	
Radome Material	Fiberglass	
Wind Load at 150 km/h(N) (Front /Rear/Side)	605/637/313	
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(S RET)	Frequency(MHz)	AISG RET UID
R1	1-2	1	694-960	MKxxxxxxxxxxxxxxxxR1

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

Accessories

Item	Item	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-022-1101A	5.5kg	0-10°	1