

## DR-NG2-F2A Data Sheet v0.1

XX Pol,694-862/880-960MHz

65/65 Horizontal Beamwidth,14.6/14.8dBi

E-tilt:2-14/2-14

1.5m 4-Port 2L Antenna with Integrated RCU

## Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	694-862		880-960
	694-803	790-862	880-960
Polarization	±45°		±45°
Gain(dBi)	14.3±0.5	14.6±0.5	14.8±0.5
Horizontal 3dB Beam Width(°)	67±5	65±5	64±5
Vertical 3dB Beam Width(°)	15.0±1.0	13.9±1.0	12.8±0.8
Front to Back Ratio at 180±30°(dB)	25	25	25
Cross Polar Ratio at 0°(dB)	18	18	18
Cross Polar Ratio Sector ±60°(dB)	10	10	10
1st Upper Sidelobe Suppression(dB)	16	16	16
Electrical Downtilt(°)	2-14		2-14
VSWR	< 1.5		< 1.5
Cross-polar Isolation(dB)	>25		>25
Interband Isolation(dB)	>28		>28
3rd Order PIM(dBc) @2 x 43dBm	< -150		< -150
Impedance(Ω)	50		50
Power Handling(W)	200		200

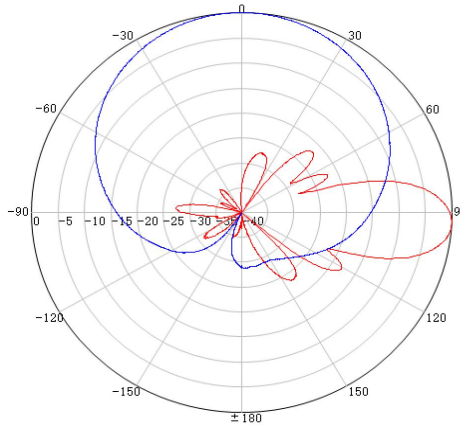
## Mechanical Specifications

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)	17.5
Packed Weight (kg)	25.5
Connector	4 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	520/610/218
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

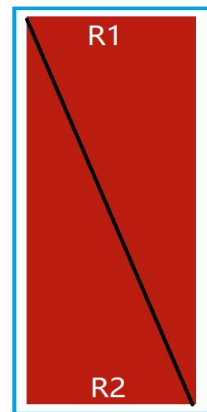
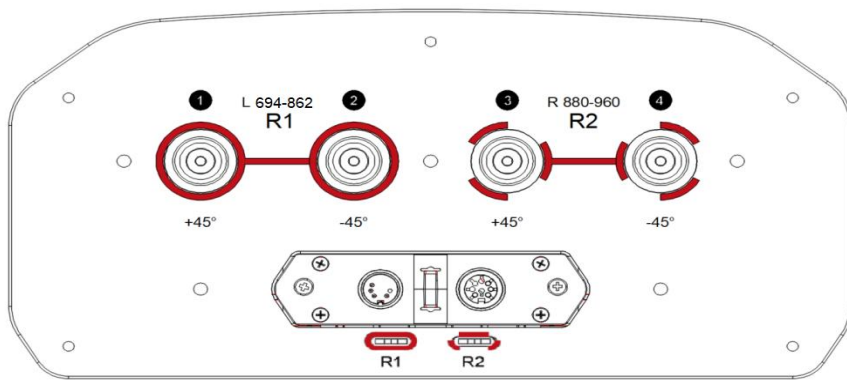


Pattern sample for reference

694-862/880-960 MHz



Layout of interface



Array ID	RF Connector	RET(S RET)	Frequency(MHz)	AISG RET UID
R1	1-2	1	694-862	MKxxxxxxxxxxxxxxxxR1
R2	3-4	2	880-960	MKxxxxxxxxxxxxxxxxR2

\* 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