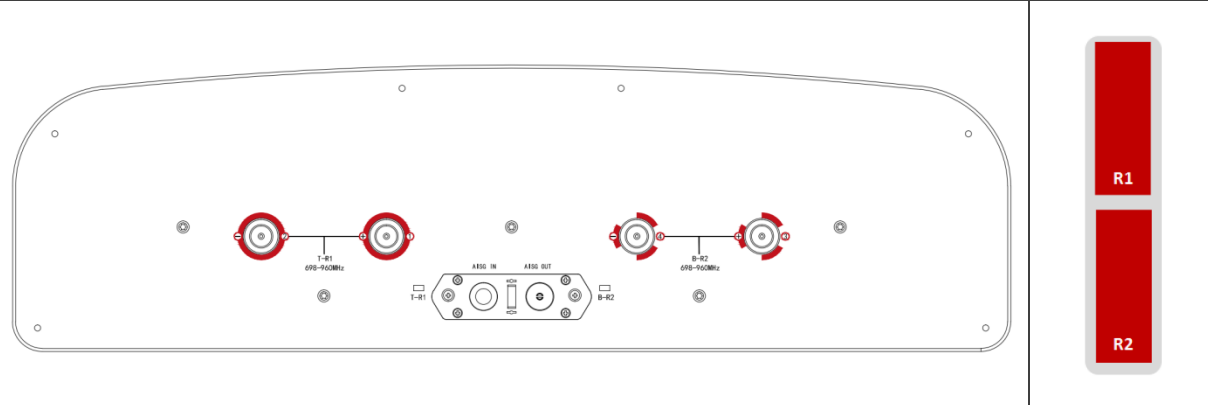


**XXPol 698-960MHz\*2 18.2/18.2dBi**  
**33°HPBW 0°~8°/0°~8°T**  
**4x 4.3-10 Female Connectors /2L/2.7m**

Electrical Specifications(BASTA11.1)					
Frequency Range(MHz)		2x(698-960)(R1/R2)			
Frequency Sub-Range(MHz)		698-803	803-894	894-960	
Polarization(°)		±45			
Electrical Downtilt(°)		0~8			
Gain (dBi)	R2	Mid tilt	17.0	17.4	18.2
		Over all tilts	16.9±0.8	17.3±0.5	18.1±0.5
	R1	Mid tilt	16.8	17.2	18.0
		Over all tilts	16.7±0.6	17.1±0.5	17.9±0.5
First upper Side Lobe Suppression (dB)		>16	>16	>15	
Azimuth Beamwidth 3dB(°)		37±6	33±6	30±5	
Elevation Beamwidth 3dB(°)		14.3±0.8	13.3±0.6	12.5±0.6	
Cross-Polar Ratio @0°(dB)		>18	>18	>18	
Cross-Polar Ratio @±15° ( dB)		>10	>10	>10	
Front to Back Ratio @180°±30° ( dB)		>25	>27	>27	
VSWR		<1.5			
3rd PIM@2 x 43 dBm(dBc)		<-150			
Isolation: intra-system (dB)		>25			
Isolation: inter-system (dB)		>25			
Max. power per port(W)		500			
Impedance (Ω)		50			
Lightning Protection		DC Ground			
Mechanical Specifications(BASTA11.1)					
RET type		Integrated RET (AISG2.0/3GPP)			
AISG Connectors (1 input and 1 output)		(in: Male; out: Female)			
Connector		4x4.3-10 female , Bottom			
Antenna dimensions (H x W x D) (mm)		2680x630x175			
Packing dimensions (H x W x D) (mm)		3000x725x280			
Antenna weight (kg)		42.6±1.0			
Clamps weight (kg)		8.0±0.5			
Packing weight(kg)		57.0±1.0			
Diameter of installation pole		φ50 ~φ110mm			
Radome material		Fiberglass			
Mechanical Tilt Range (°)		0~8			
Operational temperature (°C)		-40 to +65			
Wind load @150km/h (N)		1790/638/1911(Frontal/Lateral/Maximum)			
Max. operational wind speed (km/h)		241			

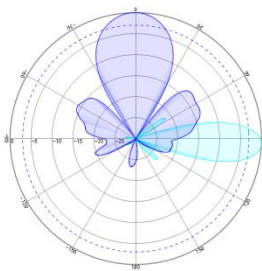


**Layout**



Frequency Range	Array	Connector
698-960MHz	R1/R2	1-2/3-4

**Pattern**



698-960MHz

Accessories			
Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	168H	8.0	0-8