

**XPoI 450-470 MHz 14.3dBi 65°HPBW 2°-12°T  
Integrated RET (AISG2.0/3GPP)  
2 x 4.3-10 Female Connectors/2.5m**

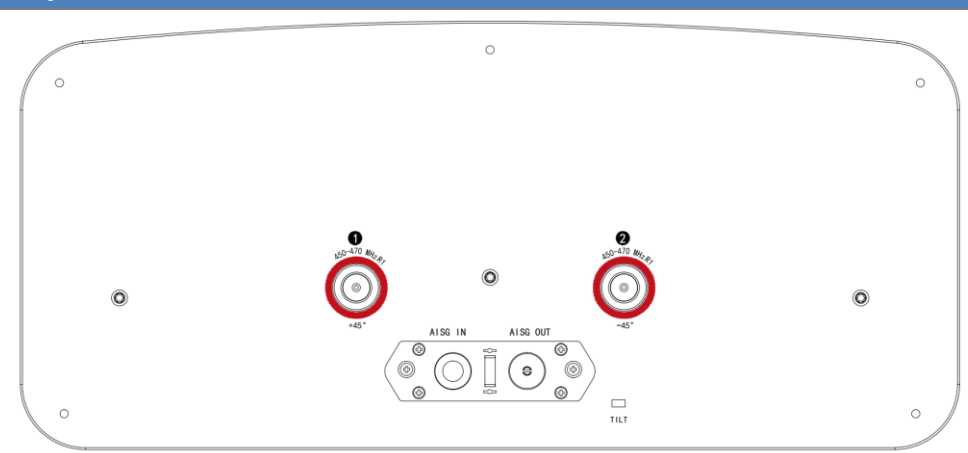
<b>Electrical Specifications(BASTA 12.0)</b>		
Frequency Range(MHz)	450-470 (R1)	
Polarization(°)	±45	
Electrical Downtilt(°)	2-12	
Gain (dBi)	Mid tilt	14.5
	Over all tilts	14.3±0.5
First upper Side Lobe Suppression (dB)	>16	
Azimuth Beamwidth 3dB(°)	73±6	
Elevation Beamwidth 3dB(°)	12.9±1.5	
Cross-Polar Ratio @0°(dB)	>18	
Cross-Polar Ratio @±60° (dB)	>8	
Front to Back Ratio,180°±30° (dB)	>23	
VSWR	<1.5	
Isolatio (dB)	>26	
Max. power per port(W)	600	
Impedance (Ω)	50	
Lightning Protection	DC Ground	

**Mechanical Specifications(BASTA 12.0)**

RET type	Integrated RET (AISG2.0/3GPP)
AISG Connectors ( 1 input and 1 output )	( in: Male; out: Female )
Connector	2x4.3-10 female , Bottom
Antenna dimensions (H x W x D) (mm)	2550x448x200
Packing dimensions (H x W x D) (mm)	2830x525x290
Antenna weight (kg)	28±1.5
Clamps weight (kg)	4.1±0.5
Packing weight(kg)	37±1.5
Diameter of installation pole	φ50 ~φ115mm
Radome material	Fiberglass
Radome color	Light Grey
Mechanical Tilt Range (°)	0~10
Operational temperature (°C)	-40 to +70
Wind load @150km/h (N)	1150/335/1199(Frontal/Lateral/Maximum)
Max. operational wind speed (km/h)	241

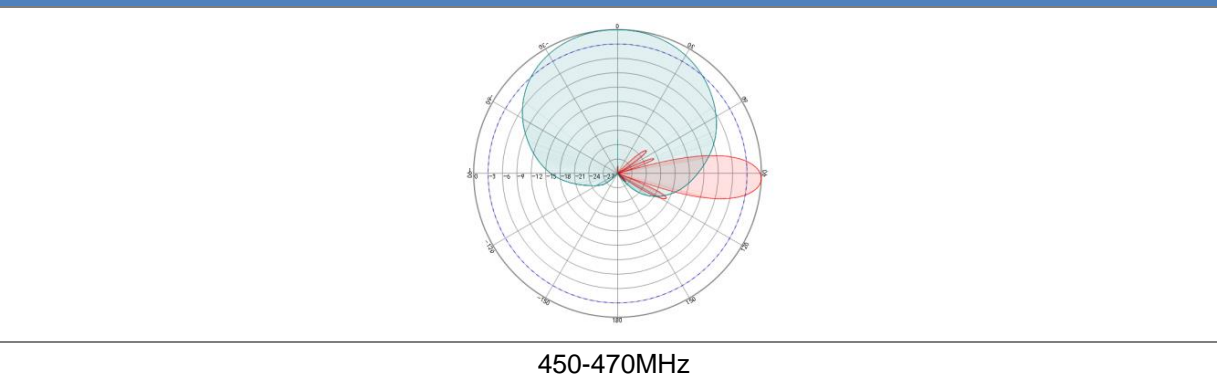


**Layout**



Frequency Range	Array	Connector	Sub Unit	RET Type
450-470MHz	R1	1-2	/	SRET

**Pattern**



Accessories			
Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	MB41	4.1	0-10