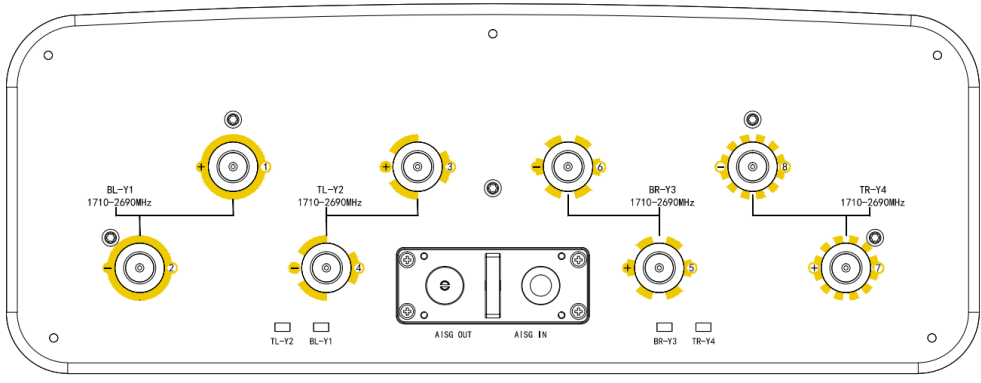
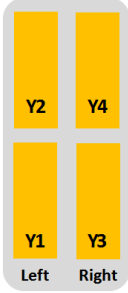


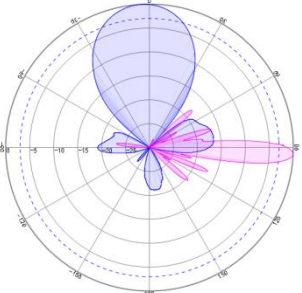
XXXXPol 1710-2690MHz*4 19/19/19/19dBi
33°HPBW 2°~12°/2°~12°/2°~12°/2°~12°T
8 x 4.3-10 Female Connectors/4H 2m

Electrical Specifications(BASTA12.0)						
Frequency Range(MHz)		4x(1710-2690)(Y1,Y2,Y3,Y4)				
Frequency Sub-Range(MHz)		1710-1880	1920-2170	2200-2500	2500-2690	
Polarization(°)		±45				
Electrical Downtilt(°)		2-12				
Gain (dBi)	Y1/Y3	Mid tilt	18.0	18.7	18.9	19.1
		Over all tilts	17.9±0.5	18.6±0.5	18.8±0.5	19.0±0.5
	Y2/Y4	Mid tilt	17.7	18.4	18.5	18.7
		Over all tilts	17.6±0.5	18.3±0.5	18.4±0.5	18.6±0.5
First upper Side Lobe Suppression (dB)		>17	>18	>18	>17	
Azimuth Beamwidth 3dB(°)		39±4.0	36±3.0	30±2.0	29±2.0	
Elevation Beamwidth 3dB(°)		10.0±0.6	8.8±0.6	8.0±0.4	7.4±0.4	
Cross-Polar Ratio @0°(dB)		>18	>18	>15	>15	
Cross-Polar Ratio @±15° (dB)		>10	>10	>7	>7	
Front to Back Ratio @180°±30° (dB)		>23	>24	>25	>25	
VSWR		<1.5				
3rd PIM@2 x 43 dBm(dBc)		<-153				
Isolation: intra-system (dB)		>25				
Isolation: inter-system (dB)		>25				
Max. power per port(W)		200				
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	8x4.3-10 female , Bottom	
Antenna Dimensions (H x W x D) (mm)	1990x446x165	
Packing Size (H x W x D) (mm)	2270x540x245	
Antenna weight (kg)	27.8±1.0	
Clamps weight (kg)	5.2±0.5	
Packing weight(kg)	37.5±1.0	
Diameter of installation pole	φ50~φ115mm	
Radome material	Fiberglass	
Mechanical Tilt Range (°)	0-10	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	



Wind load @150km/h (N)	819/303/1092(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	
Layout		
		
Frequency Range	Array	Connector
1710-2690MHz	Y1/Y2	1-2/3-4

Pattern
1710-2690MHz


Accessories			
Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	38AA	5.2	0-10