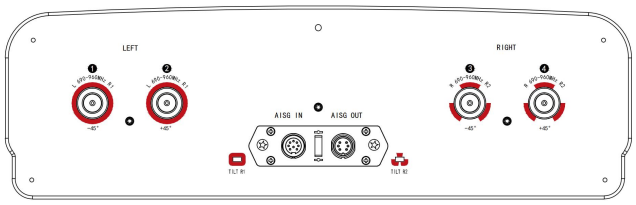
4-Port Antenna 690-960 MHz 17.0dBi
65°HPBW 4 Port 2~12° T
4 x 4.3-10 Female Connectors/2.5m

Electrical Specifications(BASTA)				
Frequency Range(MHz)		2×(690-960)(R1,R2)		
		690-790	790-890	890-960
Polarization(°)		±45		
Electrical Downtilt(°)		2-12 (Independent electric regulator)		
Gain (dBi)	Mid tilt	15.5	16.7	16.8
	Over all tilts	15.4±0.5	16.3±0.5	16.6±0.5
First upper Side Lobe Suppression (dB)		>15	>15	>15
Azimuth Beamwidth 3dB(°)		68±5	65±5	63±5
Elevation Beamwidth 3dB(°)		8.5±1	7.9±0.9	7.5±0.8
Cross-Polar Ratio @0°(dB)		>18	>18	>18
Cross-Polar Ratio @±60° (dB)		>10	>10	>10
Front to Back Ratio 180°±30° (dB)		>25	>25	>25
VSWR		< 1.5		
3rd PIM@2 x 43 dBm (dBc)		< -150		
Isolation: intra-system (dB)		>28		
Isolation: inter-system (dB)		>28		
Max. power per port(W)		400		
Impedance (Ω)		50		
Lightning Protection		DC Ground		

Mechanical Specifications(BASTA)		
RET type	Integrated RET (AISG2.0/3GPP)	
AISG Connectors（1 input and 1 output）	2x8 pin（in：Male；out：Female）	
Connector	4×4.3-10 female , Bottom	
Antenna dimensions (H x W x D) (mm)	2496×445×130	
Packing dimensions (H x W x D) (mm)	2770×525×195	
Antenna weight (kg)	28	
Clamps weight (kg)	5.5	
Packing weight(kg)	40	
Diameter of installation pole	ϕ50 ~ϕ110mm	
Radome material	Fiberglass	
Mechanical Tilt Range (°)	0~10	
Radome color	Light grey	
Operational temperature (℃)	-40 to +60	
Wind load @150km/h (N)	1026/299/1369(Frontal/Lateral/Rear side)	
Max. operational wind speed (km/h)	241	

Layout



Frequency Range	Array	Connector
690-690MHz	R1/R2	1-2/3-4

Pattern

690-870MHz	870-960MHz