

4-Port Antenna 2*(1695-2690)MHz 18.0dBi

65°HPBW 4 Port 2~12° T

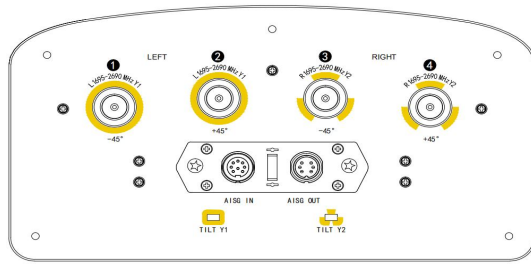
4 x 4.3-10 Female Connectors/1.38m

Electrical Specifications(BASTA)					
Frequency Range(MHz)		4 × (1695–2690)(Y1,Y2)			
		1695-1920	1920-2200	2200-2490	2490-2690
Polarization(°)		±45			
Electrical Downtilt(°)		2-12 (Independent electric regulator)			
Gain (dBi)	Mid tilt	16.8	17.2	17.5	17.6
	Over all tilts	16.7±0.5	17.1±0.5	17.4±0.5	17.5±0.5
First upper Side Lobe Suppression (dB)		>16	>16	>17	>17
Azimuth Beamwidth 3dB(°)		68±5	65±5	63±5	60±5
Elevation Beamwidth 3dB(°)		7.8±0.5	6.7±0.5	6.5±0.5	6.0±0.5
Cross-Polar Ratio @0°(dB)		>20	>20	>18	>18
Cross-Polar Ratio @±60° (dB)		>10	>10	>10	>10
Front to Back Ratio 180°±30° (dB)		>25	>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)		300			
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)	1389×270×140	
Packing dimensions (H x W x D) (mm)	1615×340×220	
Antenna weight (kg)	11	
Clamps weight (kg)	2.1	
Packing weight(kg)	15.3	
Diameter of installation pole	φ50 ~φ110mm	
Radome material	Fiberglass	
Mechanical Tilt Range (°)	0~10	
Radome color	Light grey	
Operational temperature (°C)	-40 to +60	
Wind load @150km/h (N)	587/206/653(Frontal/Lateral/Rear side)	
Max. operational wind speed (km/h)	241	



Layout



Frequency Range

1695-2690MHz

Array

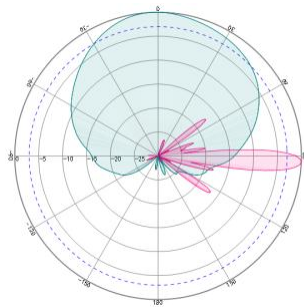
Y1/Y2

Connector

1-2/3-4

Pattern

1695-2170MHz



2300-2690MHz

