

8-Port Antenna 4*(1710-2690)MHz 18dBi 65°HPBW 0°~10°T
Integrated RET (AISG 2.0 Compliant)
8 x 4.3-10 Connectors/4H/1.47m

Electrical Specifications(BASTA V12.0)

Frequency Range(MHz)		4x(1710-2690)(Y1,Y2,Y3,Y4)			
Frequency Sub-Range(MHz)		1710-1920	1920-2180	2300-2400	2500-2690
Polarization(°)		±45			
Electrical Downtilt(°)		0-10 (Independent electric regulator)			
Gain (dBi)	Mid tilt	17.1	17.6	18.1	17.1
	Over all tilts	17.0±0.5	17.5±0.5	18.0±0.5	17.0±0.5
First upper Side Lobe Suppression (dB)		>17	>16	>16	>17
Azimuth Beamwidth 3dB(°)		68±6	64±4	58±4	68±6
Elevation Beamwidth 3dB(°)		5.5±0.6	4.8±0.5	4.0±0.4	5.5±0.6
Cross-Polar Ratio @0°(dB)		>24	>24	>21	>24
Cross-Polar Ratio @±60° (dB)		>10	>10	>9	>10
Front to Back Ratio,180°±30° (dB)		>24	>24	>24	>24
VSWR		<1.5			
3rd PIM@2 x 43 dBm (dBc)		<-153			
Isolation: intra-system (dB)		>28			
Isolation: inter-system (dB)		>28			
Max. power per port(W)		250			
Impedance (Ω)		50			
Lightning Protection		DC Ground			

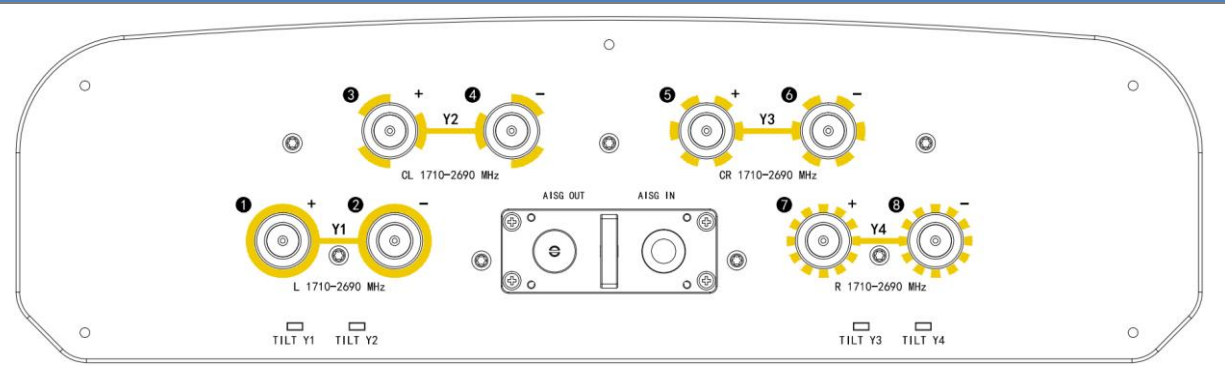
Mechanical Specifications(BASTA V12.0)

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)	1470x480x135	
Packing dimensions (H x W x D) (mm)	1730x560x236	
Antenna weight (kg)	19	
Clamps weight (kg)	4.1	
Packing weight(kg)	27	
Diameter of installation pole	φ50 ~φ110mm	
Radome material	Fiberglass	
Mechanical Tilt Range (°)	0~10	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	
Wind load @150km/h (N)	587/206/653(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	

8-Port Antenna

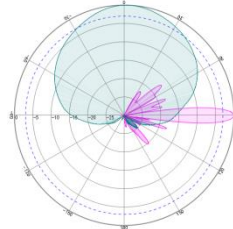
YBZ065S21Y12.8F-02

Layout



Frequency Range	Array	Connector	Sub Unit	RET Type
1710-2690MHz	Y1	1-2	1#	MRET
1710-2690MHz	Y2	3-4	2#	MRET
1710-2690MHz	Y3	5-6	3#	MRET
1710-2690MHz	Y4	7-8	4#	MRET

Pattern



1710-2690MHz

Accessories

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