

6-Port Antenna 1710-2690 MHz 17.0dBi

65°HBW 4 Port 2~12° T

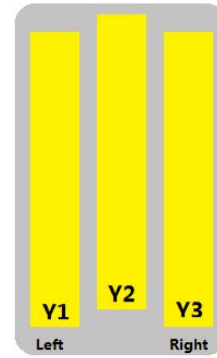
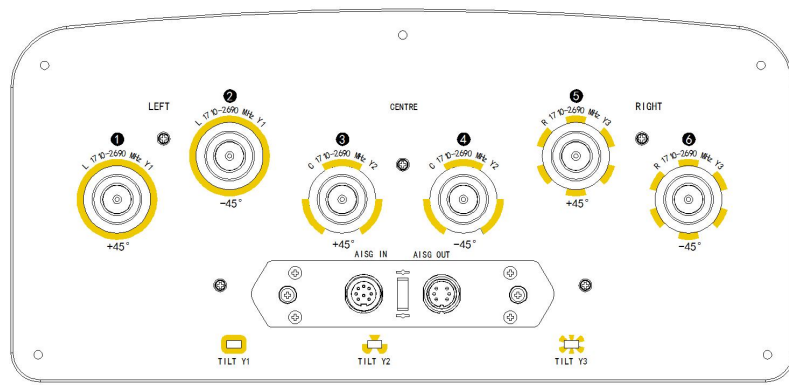
6 x 4.3-10 Female Connectors/1.38m

Electrical Specifications(BASTA)					
Frequency Range(MHz)		6×(1710 – 2690)(Y1,Y2,Y3)			
		1710- 1920	1920 - 2200	2200 - 2490	2490 - 2690
Polarization(°)		±45			
Electrical Downtilt(°)		2-12 (Independent electric regulator)			
Gain (dBi)	Mid tilt	16.7	17.0	17.3	17.2
	Over all tilts	16.6±0.5	17.0±0.5	17.2±0.5	17.2±0.5
First upper Side Lobe Suppression (dB)		≥16	≥16	≥16	≥16
Azimuth Beamwidth 3dB(°)		68±5	65±5	63±5	60±5
Elevation Beamwidth 3dB(°)		5.6±0.5	5.0±0.5	4.5±0.5	3.9±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)		> 25			
Isolation: inter-system (dB)		> 25			
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	6×4.3-10 female , Bottom	
Antenna dimensions (H x W x D) (mm)	1385×355×165	
Packing dimensions (H x W x D) (mm)	1650×415×360	
Antenna weight (kg)	15	
Clamps weight (kg)	5.5	
Packing weight(kg)	23.5	
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)	453/210/605(Frontal/Lateral/Rear side)	
Max. operational wind speed (km/h)	241	



Layout



Frequency Range	Array	Connector
1710-2690MHz	Y1/Y2/Y3	1-2/3-4/5-6

Pattern

