

6-ports Antenna 890-960/1710-2170MHz 15/17dBi 0~10°/0~10°T

HPBW: 65°/65°

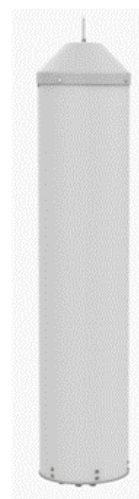
Connector: 4.3-10 Female

Electrical Specifications(BASTA12.0)

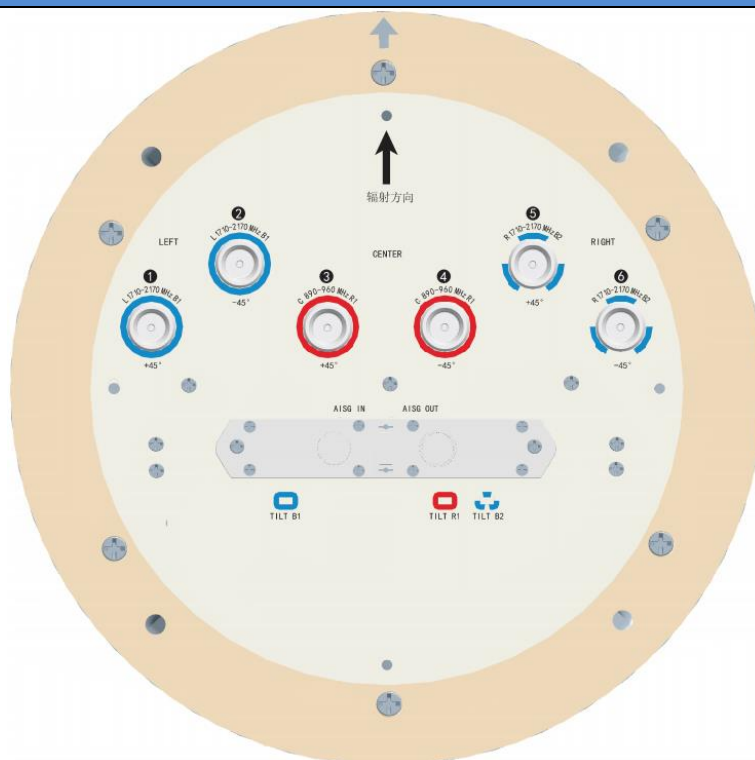
Frequency Range(MHz)	890-960		
Polarization	±45		
Electrical Downtilt(°)	0-10, continuously adjustable		
Gain (dBi)	14.5±0.5		
First Upper Side Lobe Suppression (dB)	≥15		
Horizontal 3dB Beam Width (°)	64±8		
Vertical 3dB Beam Width(°)	≥9		
Cross-Polar Ratio @0°(dB)	≥15		
Front to Back Ratio 180°±30° (dB)	≥23		
Frequency Range(MHz)	1710-2170		
	1710-1880	1850-1990	1920-2170
Polarization	±45		
Electrical Downtilt(°)	0-10, continuously adjustable		
Gain (dBi)	16.0±0.5	16.2±0.5	16.5±0.5
First Upper Side Lobe Suppression (dB)	≥15		
Horizontal 3dB Beam Width (°)	65±8	65±8	64±8
Vertical 3dB Beam Width(°)	≥5.5	≥5	≥4.5
Cross-Polar Ratio @0°(dB)	≥15		
Front to Back Ratio 180°±30° (dB)	≥23		
VSWR	≤1.5		
Intermodulation IM3 (dBc)	≤ -133 (2 x 43 dBm carrier)		
Isolation (dB)	≥25		
Max. power per port(W)	250 (890-960MHz); 200 (1710-2170MHz)		
Impedance (Ω)	50		
Grounding	DC Ground		

Mechanical Specifications(BASTA12.0)

RET type	Integrated RET (AISG2.0/3GPP)
AISG Connectors (1 input and 1 output)	2x8 pin (in: Male; out: Female)
Connector	6 x 4.3-10 Female , Bottom
Antenna dimensions (H x W x D) (mm)	φ 380x 2050
Antenna weight (kg)	36
Adjustable range of horizontal azimuth (°)	360
Radome material	UPVC
Radome color	white
Operational temperature (°C)	-40 ~ +70 °
Wind load at 42m/s (N)	446/446/220(Frontal/Lateral/Maximum)
Max. Wind Load @150 km/h	359

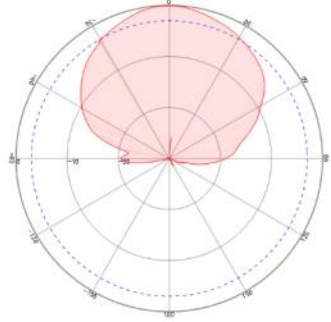


Layout

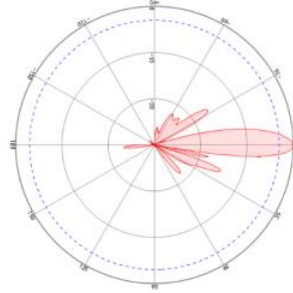


Frequency Range	Array	Connector
890-960MHz	R1	3-4
1710-2170MHz	B1/B2	1-2/5-6

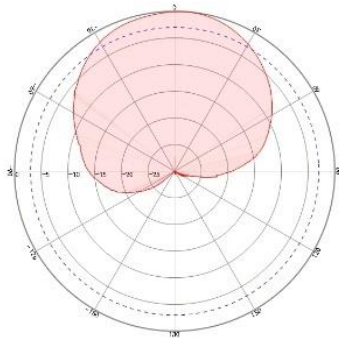
Pattern



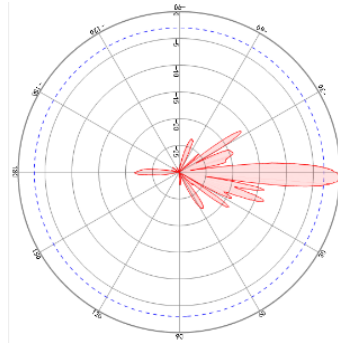
890-960 Horizontal pattern



890-960 Vertical pattern



1710-2170 Horizontal pattern



1710-2170 Vertical pattern