

**4-Port Antenna 690-960 MHz /18dBi 65° /2~10° T
 65°HBW 4 x 4.3-10 Female Connectors/2.7m**

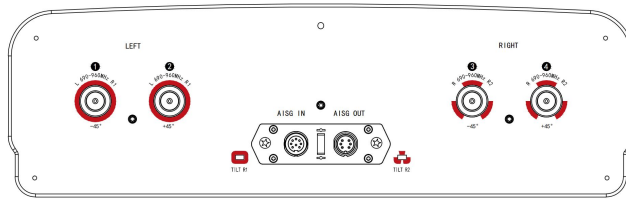
Electrical Specifications(BASTA)				
Frequency Range(MHz)		2×(690-960) (R1/R2)		
		690- 862	824-894	880 - 960
Polarization(°)		±45		
Electrical Downtilt(°)		2-10 (Independent electric regulator)		
Gain (dBi)	Mid tilt	16.2	16.6	17.1
	Over all tilts	16.1±0.5	16.5±0.4	17.0±0.3
First upper Side Lobe Suppression (dB)		>20	>20	>20
Azimuth Beamwidth 3dB(°)		66±2.2	65±1.5	62±1.3
Elevation Beamwidth 3dB(°)		7.9±0.5	7.6±0.3	7.2±0.3
Cross-Polar Ratio @0°(dB)		>23	>23	>23
Cross-Polar Ratio @±60° (dB)		>10	>10	>10
Front to Back Ratio 180°±30° (dB)		>25	>25	>26
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)	2695×445×130
Packing dimensions (H x W x D) (mm)	2975×525×195
Antenna weight (kg)	31
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 (°C)	-40 to +60
Wind load @150km/h (N)	1243/264/1043(Frontal/Lateral/Rear side)
Max. operational wind speed (km/h)	241



4-Port Antenna

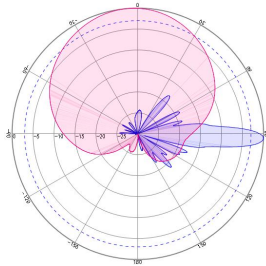
Layout



Frequency Range	Array	Connector
690-960MHz	R1/R2	1-2/3-4

Pattern

690-824MHz



880-960MHz

