

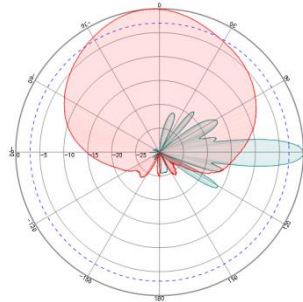
XPoI 698-960MHz 65°HPBW 17dBi 0°~10°T
Integrated RET (AISG2.0/3GPP)
2 x 4.3-10 Female Connectors/1L/2.55m

Electrical Specifications(BASTA12.0)

Frequency Range(MHz)		698-960 (R1)		
Frequency Sub-Range(MHz)		698-824	791-894	880-960
Polarization(°)		±45		
Electrical Downtilt(°)		0-10		
Tilt Accuracy(°)		±1		
Gain (dBi)	Mid tilt	16.7	17.0	17.2
	Over all tilts	16.5±0.5	16.8±0.5	17.0±0.5
First upper Side Lobe Suppression (dB)		>17	>17	>17
Azimuth Beamwidth 3dB(°)		67±4	65±4	63±3
Elevation Beamwidth 3dB(°)		8.5±0.6	7.8±0.5	7.2±0.5
Cross-Polar Ratio @0°(dB)		>22	>22	>22
Cross-Polar Ratio @±60° (dB)		>10	>10	>10
Front to Back Ratio,180°±30° (dB)		>28	>28	>28

VSWR	<1.5
3rd PIM@2 x 43 dBm (dBc)	<-153
Isolatio (dB)	>28
Max. power per port(W)	500
Impedance (Ω)	50
Lightning Protection	DC Ground

Pattern



698-960MHz

Mechanical Specifications(BASTA12.0)

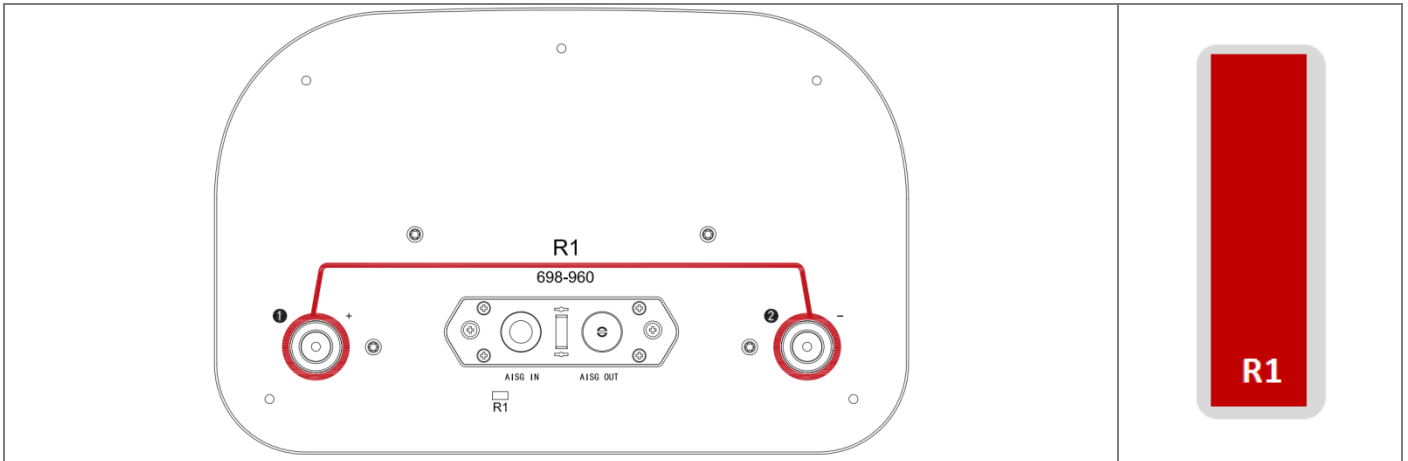
RET type	Integrated RET (AISG2.0/3GPP)	
AISG Connectors (1 input and 1 output)	2x8 (in: Male; out: Female)	
Connector	2x4.3-10 female, Bottom	
Antenna Dimensions (H x W x D) (mm)	2546x300x190	
Packing Size (H x W x D) (mm)	2826x380x280	
Antenna weight (kg)	16.5	
Clamps weight (kg)	4.1	
Packing weight(kg)	24.5	
Mounting Kit Model	MB41	
Diameter of installation pole	ϕ 50 - ϕ 115mm	
Mechanical Tilt Range (°)	0-10	
Radome material	Fiberglass	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	
Wind load @150km/h (N)	510/306/716(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	

Layout

Dongguan Yuntong Communication Technology Co.,Ltd.

<http://www.ytbdstar.com> Add: 13 Jinfu Avenue of Dongguan Liaobu Town TEL: 13925971139 Email: xf@yuntongdg.com

— Our products are compliant to the EU Directive RoHS as well as to other environmentally relevant regulations (e.g. REACH)



Frequency Range	Array	Connector	Sub Unit	RET Type	RET UID
698-960MHz	R1	1-2	1 #	SRET	YT.....YYWWxxxxx -R1

Remark: YY – Year, WW – Week , xxxxx – Serial Number