

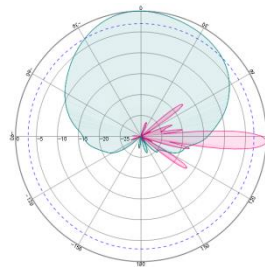
XPoI 1710-2690MHz 17.5dBi 65°HPBW 2°~12°T
Integrated RET (AISG2.0/3GPP)
2 x 4.3-10 Female Connectors/1H /1.39m

Electrical Specifications(BASTA12.0)

Frequency Range(MHz)		1710-2690(Y1)				
Frequency Sub-Range(MHz)		1710-1990	1850-1990	1900-2200	2300-2490	2500-2690
Polarization(°)		±45				
Electrical Downtilt(°)		2-12				
Tilt Accuracy(°)		±1				
Gain (dBi)	Mid tilt	16.8	17.0	17.1	17.5	17.7
	Over all tilts	16.6±0.5	16.8±0.5	16.9±0.5	17.3±0.5	17.5±0.5
First upper Side Lobe Suppression (dB)		>15	>16	>16	>16	>15
Azimuth Beamwidth 3dB(°)		68±6	67±6	66±6	61±5	58±5
Elevation Beamwidth 3dB(°)		7.5±0.5	7.0±0.5	6.8±0.5	6.3±0.4	5.9±0.4
Cross-Polar Ratio @0°(dB)		>20	>20	>20	>18	>18
Cross-Polar Ratio @±60° (dB)		>10	>9	>9	>6	>6
Front to Back Ratio, 180°±30° (dB)		>24	>24	>25	>25	>25


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

Pattern



1710-2690MHz

Mechanical Specifications(BASTA12.0)

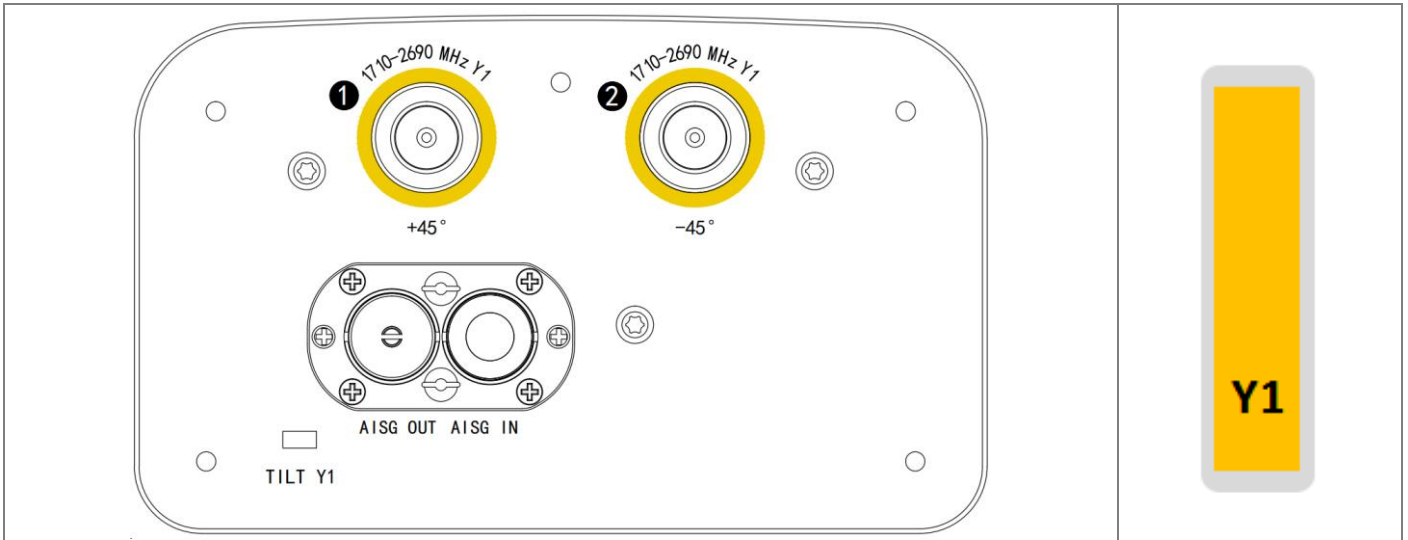
RET type	Integrated RET (AISG2.0/3GPP)	
AISG Connectors (1 input and 1 output)	2x8 (in: Male; out: Female)	
Connector	2x4.3-10 female, Bottom	
Antenna Dimensions (H x W x D) (mm)	1389x170x100	
Packing Size (H x W x D) (mm)	1550x260x195	
Antenna weight (kg)	7.0±1.0	
Clamps weight (kg)	2.1±0.5	
Packing weight(kg)	10.0±1.0	
Mounting Kit Model	45YT	
Diameter of installation pole	φ50 -φ115mm	
Mechanical Tilt Range (°)	0-15	
Radome material	Fiberglass	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	
Wind load @150km/h (N)	237/139/317(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	

Layout

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— 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
1710-2690MHz	Y1	1-2	1 #	SRET	YT.....YYWWxxxxx -Y1

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