


**6Xpol 2x(698~960)+4x(1710~2690)MHz 65°HPBW 15.3/17dBi 2°-12°/2°-12°T
Integrated RET (AISG2.0/3GPP)
12 x 4.3-10 Connectors/2L4H /2m**

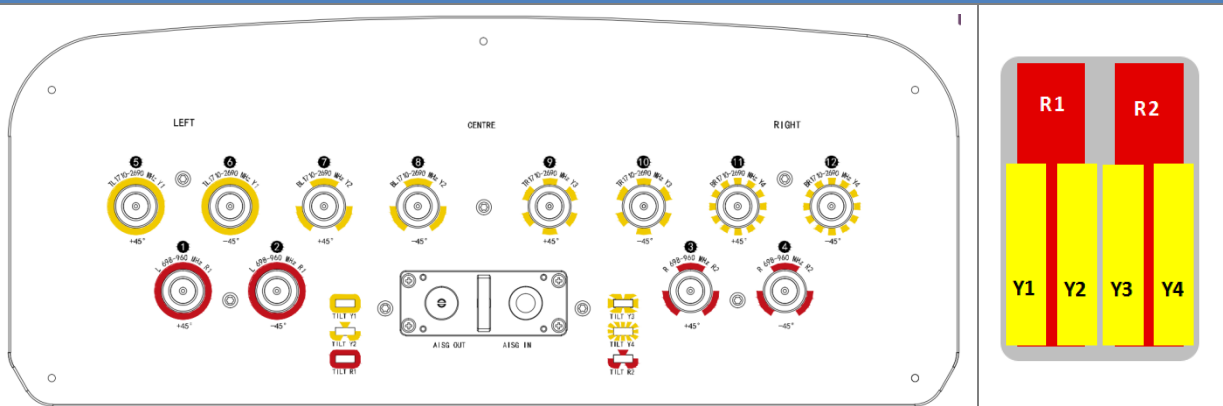
Electrical Specifications(BASTA12.0)				
Frequency Range(MHz)		2x698-960 (R1,R2)		
Frequency Sub-Range(MHz)		698-803	803-880	880-960
Polarization(°)		±45		
Electrical Downtilt(°)		2-12		
Gain (dBi)	Mid tilt	14.5	15.0	15.5
	Over all tilts	14.3±0.6	14.8±0.6	15.3±0.5
First upper Side Lobe Suppression (dB)		>15	>15	>15
Azimuth Beamwidth 3dB(°)		68±6	66±6	64±5
Elevation Beamwidth 3dB(°)		11.0±1	10.0±0.8	9.2±0.6
Cross-Polar Ratio @0°(dB)		>20	>20	>20
Cross-Polar Ratio @±60°(dB)		>10	>10	>9
Front to Back Ratio,180°±30° (dB)		>22	>23	>24
Frequency Range(MHz)		4x(1710-2690)(Y1,Y2,Y3,Y4)		
Frequency Sub-Range(MHz)		1710-1880	1920-2170	2300-2400 2500-2690
Polarization(°)		±45		
Electrical Downtilt(°)		2-12		
Gain (dBi)	Mid tilt	16.4	16.6	16.8 17.2
	Over all tilts	16.2±0.5	16.4±0.5	16.6±0.5 17.0±0.5
First upper Side Lobe Suppression (dB)		>15	>16	>16 >15
Azimuth Beamwidth 3dB(°)		68±6	66±6	61±5 58±5
Elevation Beamwidth 3dB(°)		7.9±0.5	7.2±0.5	6.5±0.4 6.0±0.4
Cross-Polar Ratio @0°(dB)		>20	>20	>19 >18
Cross-Polar Ratio @±60°(dB)		>10	>10	>8 >8
Front to Back Ratio,180°±30° (dB)		>22	>22	>23 >23
VSWR		<1.5		
3rd PIM@2 x 43 dBm (dBc)		<-150		
Isolation: intra-system (dB)		>26		
Isolation: inter-system (dB)		>28		
Max. power per port(W)		500 (698-960MHz); 300 (1710-2690MHz)		
Impedance (Ω)		50		
Lightning Protection		DC Ground		

12 Port Antenna/2L4H/ 2m
 ITEM NO:YBZ65S16P17E-12F-2R4Y-03

Mechanical Specifications(BASTA12.0)

RET type	Integrated RET (AISG2.0/3GPP)	
AISG Connectors (1 input and 1 output)	(in: Male; out: Female)	
Connector	12x4.3-10 female , Bottom	
Antenna dimensions (H x W x D) (mm)	1999x448x200	
Packing dimensions (H x W x D) (mm)	2280x525x290	
Antenna weight (kg)	32±1.5	
Clamps weight (kg)	4.1±0.5	
Packing weight(kg)	42±1.5	
Mounting Kit Model	MB41	
Diameter of installation pole	φ50 ~φ115mm	
Mechanical Tilt Range (°)	0~10	
Radome material	Fiberglass	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	
Wind load @150km/h (N)	641/285/855(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	

Layout



Frequency Range	Array	Connector
698-960	R1/R2	1-2/3-4
1710-2690	Y1/Y2/Y3/Y4	5-6/7-8/9-10/11-12

Pattern

