

4 Port Antenna/2H /1.38m

YBZ-065S18E1018E10.4F-01-0169

4-Port Antenna 1710-2690/1710-2690 MHz 17.4/17.4dBi
65°HPBW 0~10°/0~10°T
4 x 4.3-10 Female Connectors/2H 1.38m

Electrical Specifications(BASTA12.0)					
Frequency Range(MHz)		2x(1710-2690)(Y1,Y2)			
Frequency Sub-Range(MHz)		1710-1990	1920-2200	2200-2490	2490-2690
Polarization(°)		±45			
Electrical Downtilt(°)		0-10			
Gain (dBi)	Mid tilt	16.7	16.9	17.3	17.4
	Over all tilts	16.6±0.5	16.8±0.5	17.2±0.5	17.3±0.5
First upper Side Lobe Suppression (dB)		>15	>15	>15	>15
Azimuth Beamwidth 3dB(°)		69±7	67±6	61±5	59±5
Elevation Beamwidth 3dB(°)		8.0±0.5	7.2±0.5	6.5±0.4	6.0±0.4
Cross-Polar Ratio @0°(dB)		>20	>20	>19	>19
Cross-Polar Ratio @±60° (dB)		>10	>8	>6	>6
Front to Back Ratio, 180°±30° (dB)		>23	>23	>24	>24
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)		300			
Impedance (Ω)		50			
Lightning Protection		DC Ground			

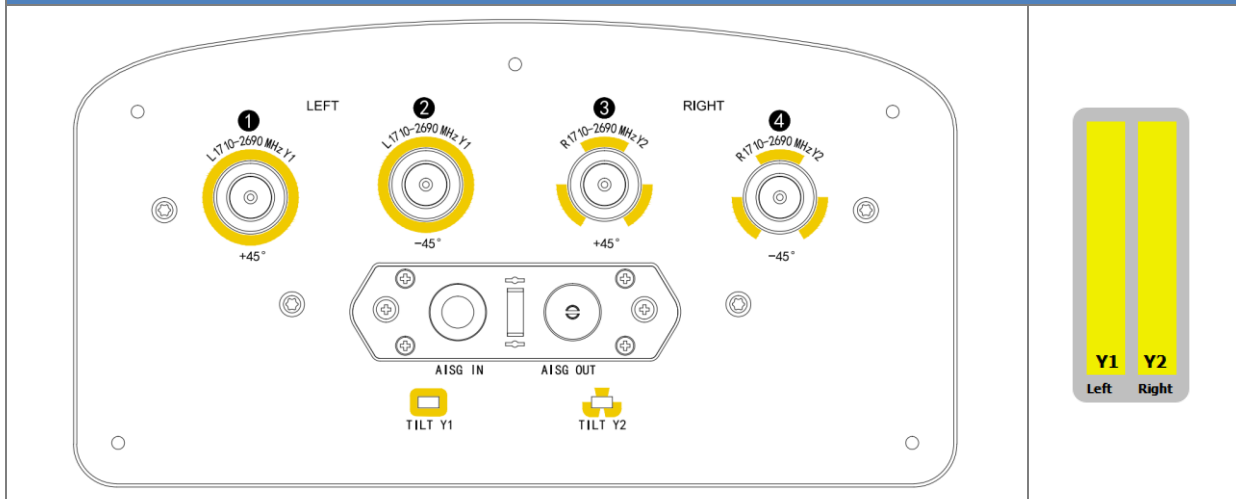
Mechanical Specifications(BASTA12.0)	
RET type	Integrated RET (AISG2.0/3GPP)
AISG Connectors (1 input and 1 output)	(in: Male; out: Female)
Connector	4x4.3-10 female , Bottom
Antenna Dimensions (H x W x D) (mm)	1389x270x140
Packing Size (H x W x D) (mm)	1560x350x230
Antenna weight (kg)	11.2±1.0
Clamps weight (kg)	2.1±0.5
Packing weight(kg)	15.5±1.0
Diameter of installation pole	φ50~φ110mm
Radome material	Fiberglass
Mechanical Tilt Range (°)	0-10
Radome color	Light grey
Operational temperature (°C)	-40 to +70
Wind load @150km/h (N)	326/89/267(Frontal/Lateral/Rear side)
Max. operational wind speed (km/h)	241



4 Port Antenna/2H /1.38m

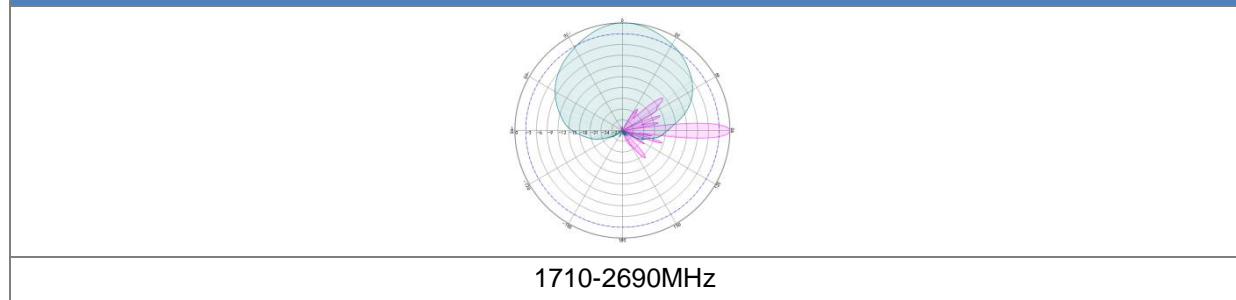
YBZ-065S18E1018E10.4F-01-0169

Layout



Frequency Range	Array	Connector
1710-2690MHz	Y1/Y2	1-2/3-4

Pattern



Accessories

Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	45YT	2.1	0-10