

**KBT****XXXPol, 698-960MHz/ 1710-2690MHz*2 65° 11dBi /14dBi
2°/2° Tilt Directional Plate Antenna****KB65D0727A6-1114D-T2****Electrical specifications**

Frequency Range (MHz)	698-960(R1)		
	698-806	806-880	880-960
Polarization	$\pm 45^\circ$		
Gain (dBi)	10.5	11	10.6
Electrical Downtilt (°)	2		
Horizontal Power Beam Width (°)	65±6	65±5	65±5
Vertical Power Beam Width (°)	≥32	≥30.5	≥28
1st Upper Sidelobe Suppression(dB)	≥14	≥13	≥13
Front-to-Back Ratio (dB)	≥23		
Cross-Polar Discrimination (dB)	≥15 ($\pm 60^\circ \geq 10$)		
Isolation (dB)	≥25		
Impedance (Ω)	50		
VSWR	<1.5		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc		
Maximum Power (W)	300		
Ground Protection	DC Grounding		

Frequency Range (MHz)	1710-2690 (Y1,Y2)			
	1710-1920	1920-2170	2300-2400	2500-2690
Polarization	$\pm 45^\circ$			
Gain (dBi)	13.5	14	14.3	14.5
Electrical Downtilt (°)	2			
Horizontal Power Beam Width (°)	65±7	64±7	63±7	64±7
Vertical Power Beam Width (°)	≥15.3	≥13.2	≥11.8	≥10.9
1st Upper Sidelobe Suppression(dB)	≥13			
Front-to-Back Ratio (dB)	≥23			
Cross-Polar Discrimination (dB)	≥15 ($\pm 60^\circ \geq 10$)			
Isolation (dB)	≥25			
Impedance (Ω)	50			
VSWR	<1.5			
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			
Maximum Power (W)	200			
Ground Protection	DC Grounding			

Mechanical specifications

Connector	6*4.3-10 Female
Connector Position	Bottom
Height/Width/Depth (mm)	500*396*190
Packing Size (mm)	730*490*290
Antenna Weight (kg)	8
Bracket Weight (kg)	3.8

Add: No.30 Dongyang 3rd Road, Danzao Town, Nanhai District, Foshan City, Guangdong, China 528216

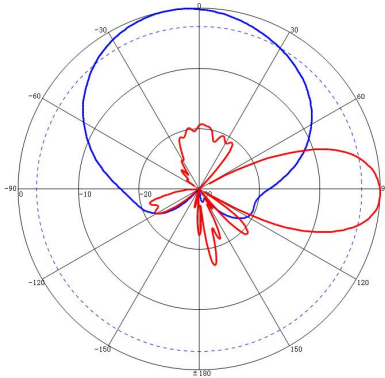
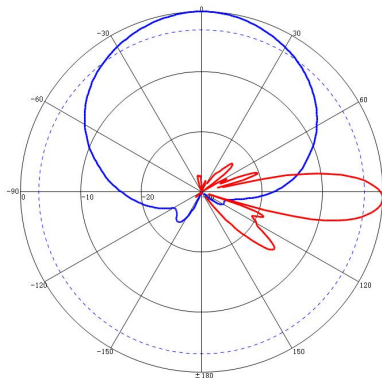
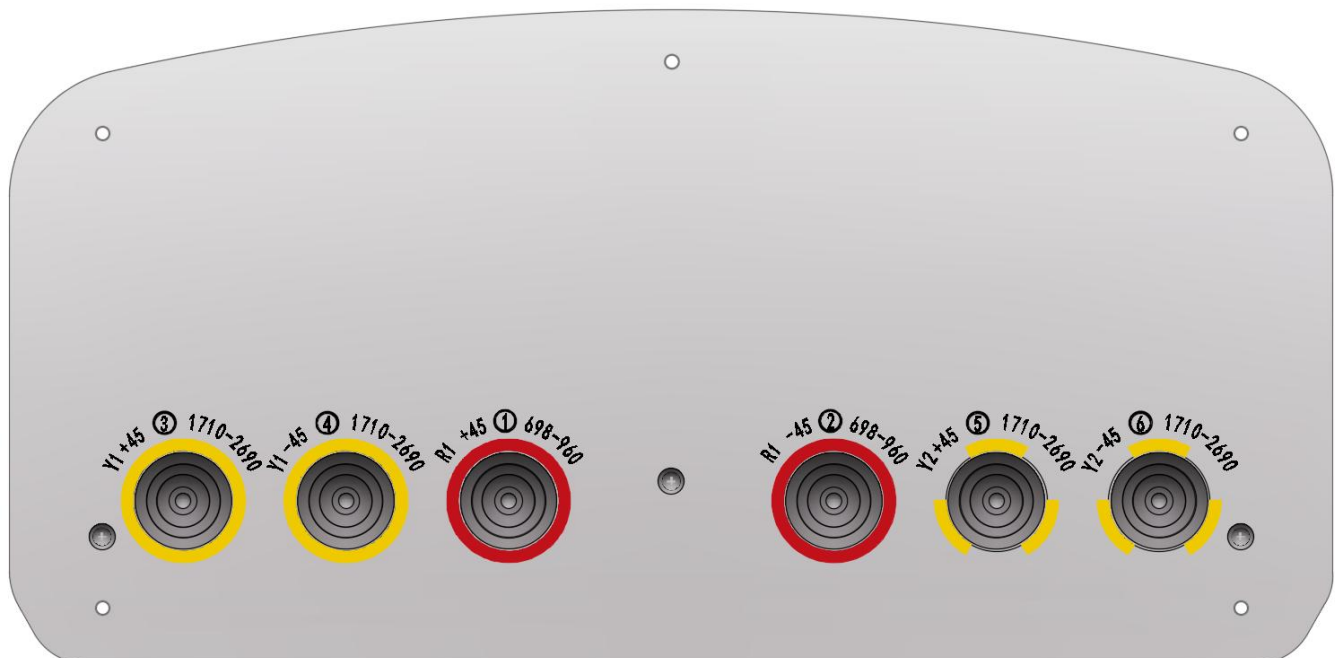
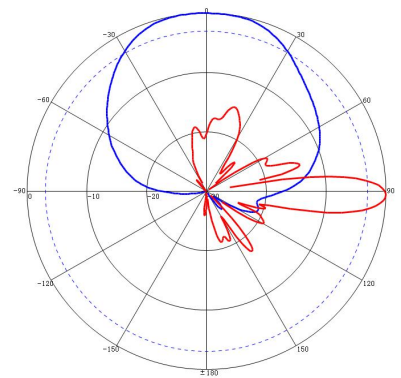
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2°/2° Tilt Directional Plate Antenna**

Radome Material	Fiberglass
Radome Color	Gray
Mechanical Tilt(°)	0-14
Operating Temperature (°C)	-40-60
Rated Wind Velocity (m/s)	60
Suitable Pole Diameter (mm)	Φ50-Φ115
Mounting Kit	JM-900DZF

698-960MHz: ±45° Pol.**1710-2490MHz: ±45° Pol.****2490-2690MHz: ±45° Pol.**

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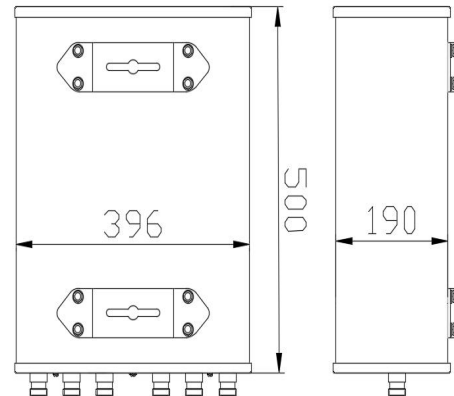
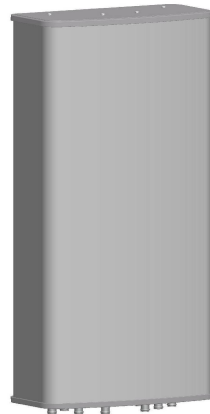
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Installation Sketch

(The antenna picture below is for reference only)

