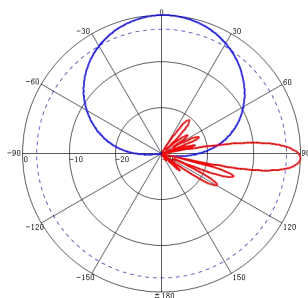
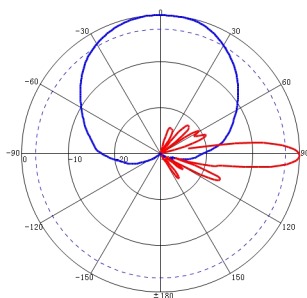
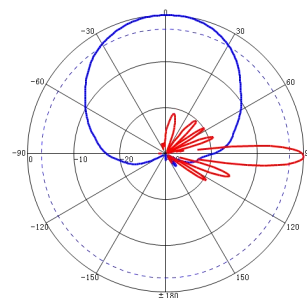


**KBT**
698-960MHz/1710-2690MHz 65° 17dBi/18dBi 2-10°/2-12°
Integrated RET Antenna
KB65D0727A4-1718-I**Electrical specifications**

Frequency Range (MHz)	698-960		1710-2690		
	698-896	870-960	1710-2200	2200-2500	2490-2690
Polarization	$\pm 45^\circ$				
Gain (dBi)	16.5 $\pm$ 1	17.3 $\pm$ 0.5	16.8 $\pm$ 0.7	17.3 $\pm$ 0.7	17.5 $\pm$ 0.7
Electrical Downtilt (°)	2-10		2-12		
Horizontal Power Beam Width (°)	68 $\pm$ 6	63 $\pm$ 5	65 $\pm$ 5	63 $\pm$ 5	63 $\pm$ 3
Vertical Power Beam Width (°)	9.3 $\pm$ 1.5	8 $\pm$ 0.7	7 $\pm$ 1	6 $\pm$ 0.8	5.8 $\pm$ 0.5
1st Upper Sidelobe Suppression(dB)	≥ 15				
Front-to-Back Ratio (dB)	≥ 25				
Cross-Polar Discrimination (dB)	$\geq 15(\pm 60^\circ \geq 8)$				
Isolation (dB)	≥ 26				
Impedance (Ω)	50				
VSWR	≤ 1.5				
Intermodulation IM3 (2 $\times$ 43dBm carrier)	≤ -107 dBm				
Maximum Power (W)	250				
Ground Protection	DC Grounding				

Mechanical specifications

Connector	4*4.3-10 Female
Connector Position	Bottom
Height/Width/Depth (mm)	(2500*320*140) ± 10
Packing Size (mm)	(2740*410*265) ± 10
Antenna Weight (kg)	23 $\pm$ 2
Bracket Weight(kg)	4.5
Radome Material and Color	Fiberglass/Gray
Mechanical Tilt (°)	0-8
Operating Temperature (°C)	-40-60
Rated Wind Velocity (m/s)	60
Suitable Pole Diameter (mm)	$\Phi 50$ - $\Phi 115$
Mounting Kit	JM-900DZB-A
RET Type	Integrated motor, replaceable

698-960MHz: $\pm 45^\circ$ Pol.**1710-2500MHz: $\pm 45^\circ$ Pol.****2490-2690MHz: $\pm 45^\circ$ Pol.**

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

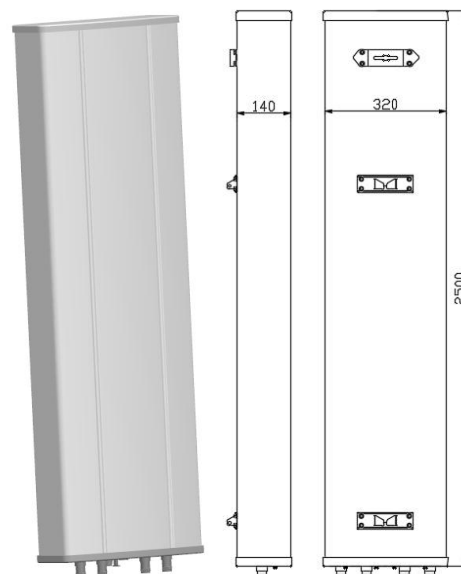
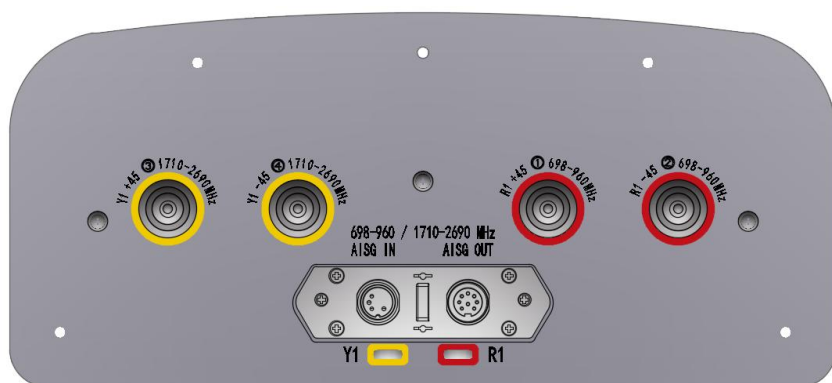
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**KBT**

698-960MHz/1710-2690MHz 65° 17dBi/18dBi 2-10°/2-12°
Integrated RET Antenna



Installation Sketch

