

**KBT**

XPoI 698-960MHz 65° 16dBi 0-10° Integrated RET (Remote Control Unit) Antenna

KB65D0709B2-17-I**Application**

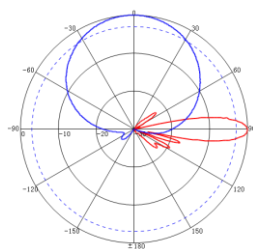
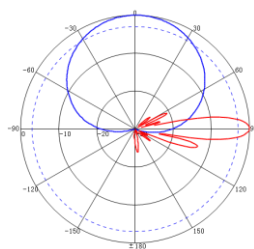
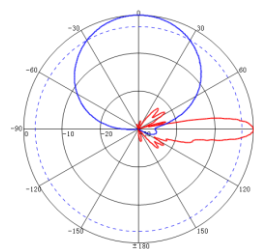
Used in 2G/3G/4G/5G system

Electrical specifications

Frequency range (MHz)	698-806	806-896	880-960
Polarization	$\pm 45^\circ$		
Gain (dBi)	15.5	16	16.5
Electrical Downtilt ($^\circ$)	0-10		
Horizontal power beam width ($^\circ$)	65 ± 5	65 ± 5	65 ± 5
Vertical power beam width ($^\circ$)	11	10	9
First upper side lobe suppression(dB)	≥ 15		
Front-to-back ratio (dB)	≥ 25		
Cross-polar discrimination (dB)	$\geq 15(\pm 60^\circ \geq 10)$		
Isolation (dB)	28		
Impedance (Ω)	50		
VSWR	< 1.5		
Intermodulation IM3 (2×43dBm carrier)	$\leq -153\text{dBc}$		
Maximum power (W)	300		
Lighting protection	DC Grounding		

Mechanical specifications

Connector	2*4.3-10 Female
Connector position	Bottom
Height/width/depth (mm)	2080*320*140
Packing size (mm)	2310*410*265
Antenna weight (kg)	14.5 (± 1.5)
Bracket weight (kg)	4
Radome material and color	Fiberglass / Gray
Mechanical tilt ($^\circ$)	0-10
Operating temperature ($^\circ\text{C}$)	-40-60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	$\Phi 50\text{-}\Phi 115$
Mounting kit	JM-900DZA
Electrical down tilt adjustment	Integrated RET
RCU model	KRCU20D

698-806MHz: $\pm 45^\circ$ Pol.**806-896MHz: $\pm 45^\circ$ Pol.****880-960MHz: $\pm 45^\circ$ Pol.**

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

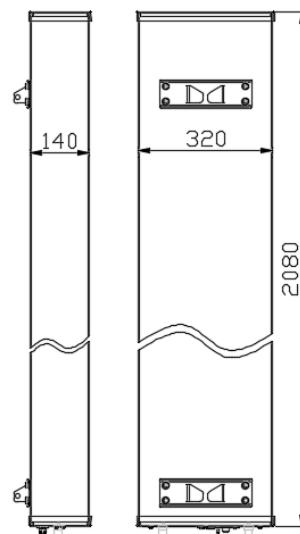
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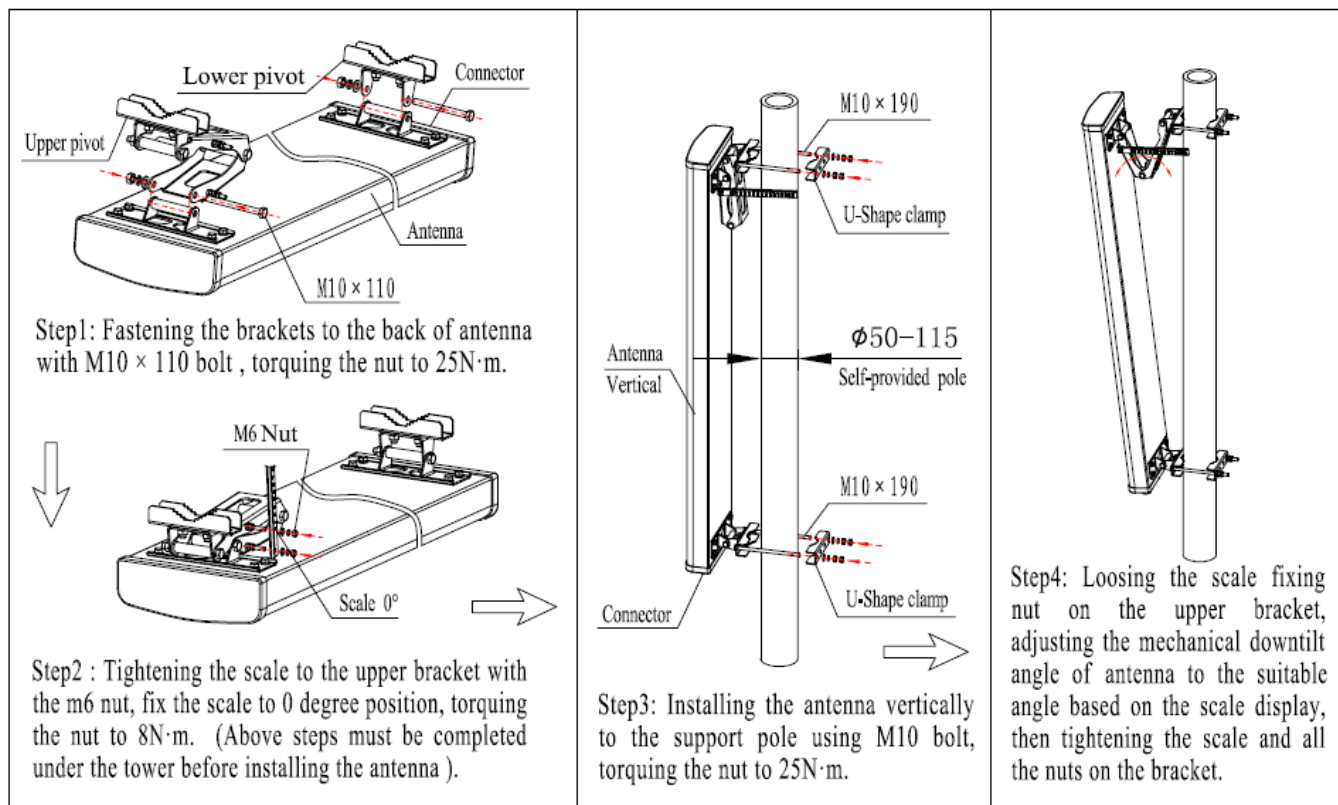
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Integrated RET (Remote Control Unit) Antenna



Installation Sketch

(The antenna picture below is for reference only)



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