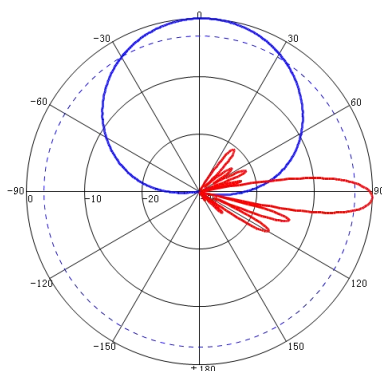
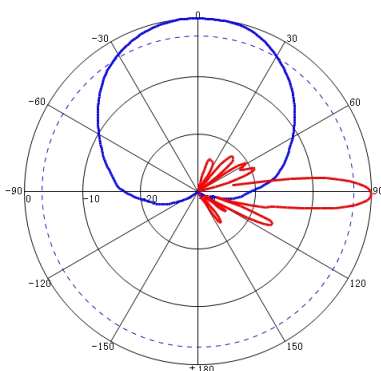
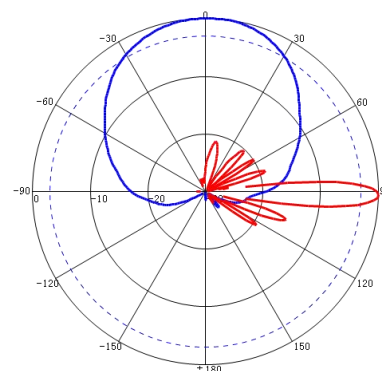


**KBT****698-960MHz/1710-2690MHz 65° 16dBi/18 dBi 2-12°/2-12°
Integrated RET Antenna****KB65D0727A4-1617-I****Electrical specifications**

Frequency Range (MHz)	698-960		1710-2690		
	698-896	870-960	1710-2200	2200-2500	2490-2690
Polarization	$\pm 45^\circ$				
Gain (dBi)	15.5 $\pm$ 0.5	16 $\pm$ 0.5	16.5 $\pm$ 0.5	17.5 $\pm$ 0.3	17.5 $\pm$ 0.3
Electrical Downtilt (°)	2-12		2-12		
Horizontal Power Beam Width (°)	65 $\pm$ 4	62 $\pm$ 4	65 $\pm$ 5	63 $\pm$ 5	63 $\pm$ 3
Vertical Power Beam Width (°)	11 $\pm$ 1	9.5 $\pm$ 0.1	9 $\pm$ 1	7.5 $\pm$ 0.8	6.8 $\pm$ 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)	≥ 28				
Impedance (Ω)	50				
VSWR	≤ 1.5				
Intermodulation IM3 (2 $\times$ 43dBm carrier)	≤ -107 dBm				
Maximum Power (W)	250				
Ground Protection	DC Grounding				

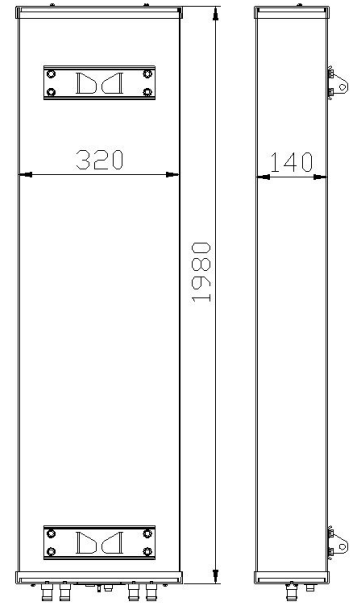
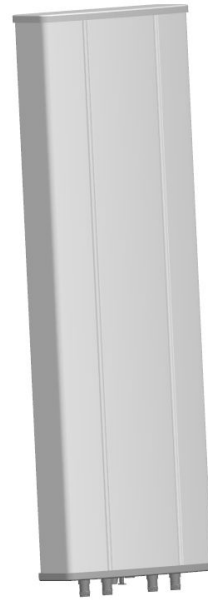
Mechanical specifications

Connector	4*4.3-10 Female
Connector Position	Bottom
Height/Width/Depth (mm)	1980*320*140
Packing Size (mm)	2210*410*265
Antenna Weight (kg)	17.6
Bracket Weight(kg)	4
Radome Material and Color	Fiberglass/Gray
Mechanical Tilt (°)	0-12
Operating Temperature (°C)	-40-60
Rated Wind Velocity (m/s)	60
Suitable Pole Diameter (mm)	$\Phi 50$ - $\Phi 115$
Mounting Kit	JM-900DZA
RET Type	Integrated motor, replaceable

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

**KBT**

698-960MHz/1710-2690MHz 65° 16dBi/18 dBi 2-12°/2-12°
Integrated RET Antenna



Installation Sketch

