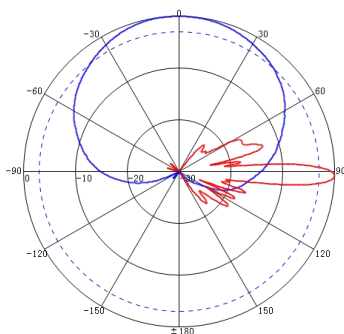
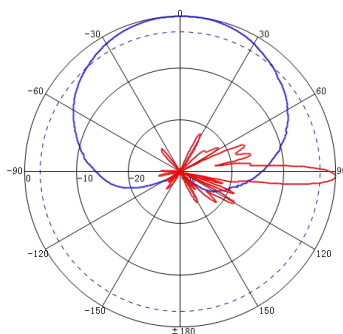
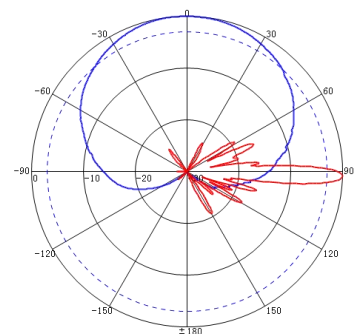


**KBT****XPol,1710-2690MHz 90°18dBi 2-12°Tilt Integrated RET
Outdoor Directional Antenna****KB90D1727A2-18-I****Electrical specifications**

Frequency Range (MHz)	1710-2690		
	1710-1990	1920-2500	2490-2690
Polarization	$\pm 45^\circ$		
Gain (dBi)	16.5 $\pm$ 0.5	17 $\pm$ 0.5	17.5 $\pm$ 0.5
Electrical Downtilt ($^\circ$)	2-12		
HBW ($^\circ$)	85 $\pm$ 4	83 $\pm$ 4	80 $\pm$ 4
VBW ($^\circ$)	6.8 $\pm$ 0.8	5.7 $\pm$ 0.8	5 $\pm$ 0.3
1st Upper Sidelobe Suppression(dB)	≥ 15		
Front-to-back ratio (dB)	≥ 23		
Cross-polar discrimination (dB)	≥ 15 ($\pm 60^\circ \geq 8$)		
Isolation (dB)	≥ 26		
Impedance (Ω)	50		
VSWR	≤ 1.5		
IM3 (2*43dBm carrier)	≤ -100 dBm		
Maximum power (W)	200		
Lighting protection	DC Grounding		

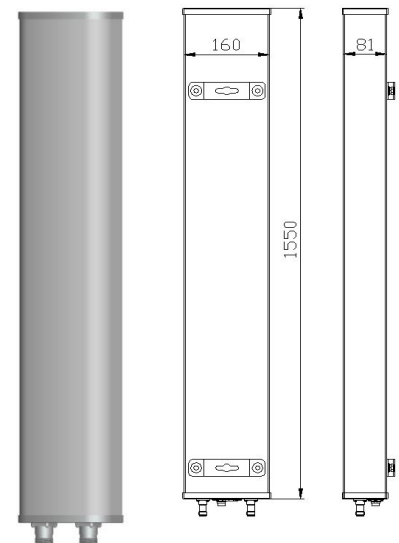
Mechanical specifications

Connector	2*N Female
Connector position	Bottom
Height/width/depth (mm)	1550*160*81
Packing size (mm)	1780*280*160
AntennaWeight (Kg)	6.4
Bracket weight(Kg)	2.8
Radome material /color	UPVC /Grey
Operating temperature ($^\circ\text{C}$)	-40 to +60
Operational/Max Wind Speed (m/s)	41 /60
Mounting kit	JM-1800DZ
Suitable pole diameter (mm)	$\Phi 50$ -110
Mechanical tilt($^\circ$)	0-15
Electrical downtilt adjustment	Integrated RET,replaceable (AISG2.0)

1710-1990MHz: $\pm 45^\circ$ Pol.**1920-2500MHz: $\pm 45^\circ$ Pol.****2490-2690MHz: $\pm 45^\circ$ Pol.**

**KBT**

**XPoI,1710-2690MHz 90°18dBi 2-12°Tilt Integrated RET
Outdoor Directional Antenna**

Connector Position**Outline Drawing**

Installation Sketch

(The antenna picture below is for reference only)

