

**KBT****1710-2170MHz 45° 11dBi Directional Antenna****TDJ-X1722CT****Application**

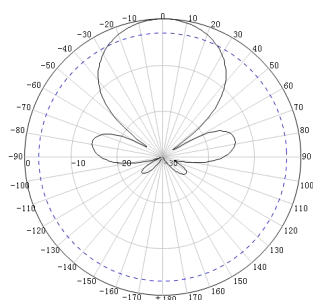
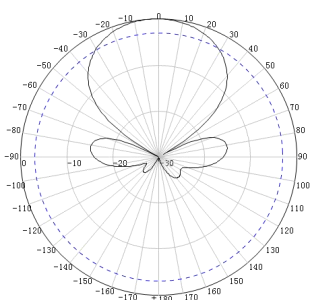
Directional Antenna

Electrical specifications

Frequency range (MHz)	1710-2170
Polarization	$\pm 45^\circ$
Gain (dBi)	11
Electrical Downtilt ($^\circ$)	0
Horizontal Plane 3-dB BW($^\circ$)	45 ± 10
Elevation Plane 3-dB BW($^\circ$)	45 ± 10
Front-to-back ratio (dB)	≥ 18
Cross-polar discrimination 0 $^\circ$ (dB)	≥ 15
Isolation (dB)	≥ 25
Impedance (Ω)	50
VSWR	≤ 2.0
Intermodulation IM3 (2 $\times$ 43dBm carrier)	≤ -150 dBc
Maximum power (W)	200
Lighting protection	DC Ground

Mechanical specifications

Connector	2*4.3-10 Female
Connector position	Bottom, Exposed 18cm
Antenna size (D*Lmm)	D96*315
Packing size (mm)	506*126*132
Weight (kg)	Antenna 0.85KG, Bracket 0.4KG
Radome material	Glass Fiber
Radome color	White
Mechanical tilt ($^\circ$)	-30 - 0
Operating temperature ($^\circ$ C)	-40-+60
Rated wind velocity (m/s)	36.9
Suitable pole diameter (mm)	D30-50
Mounting kit	JM-TD2A

1710-2170MHZ H-Plane**1710-2170MHZ E-Plane**

Kenbotong reserves the right to change specifications without prior notice.

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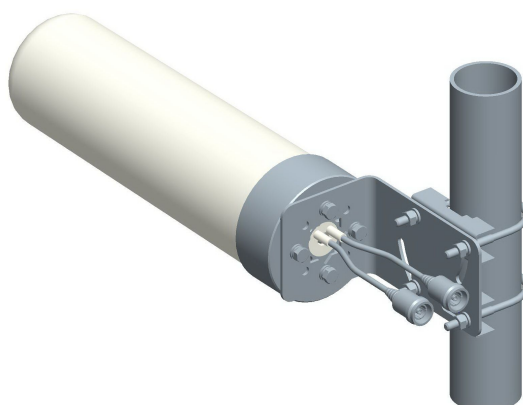


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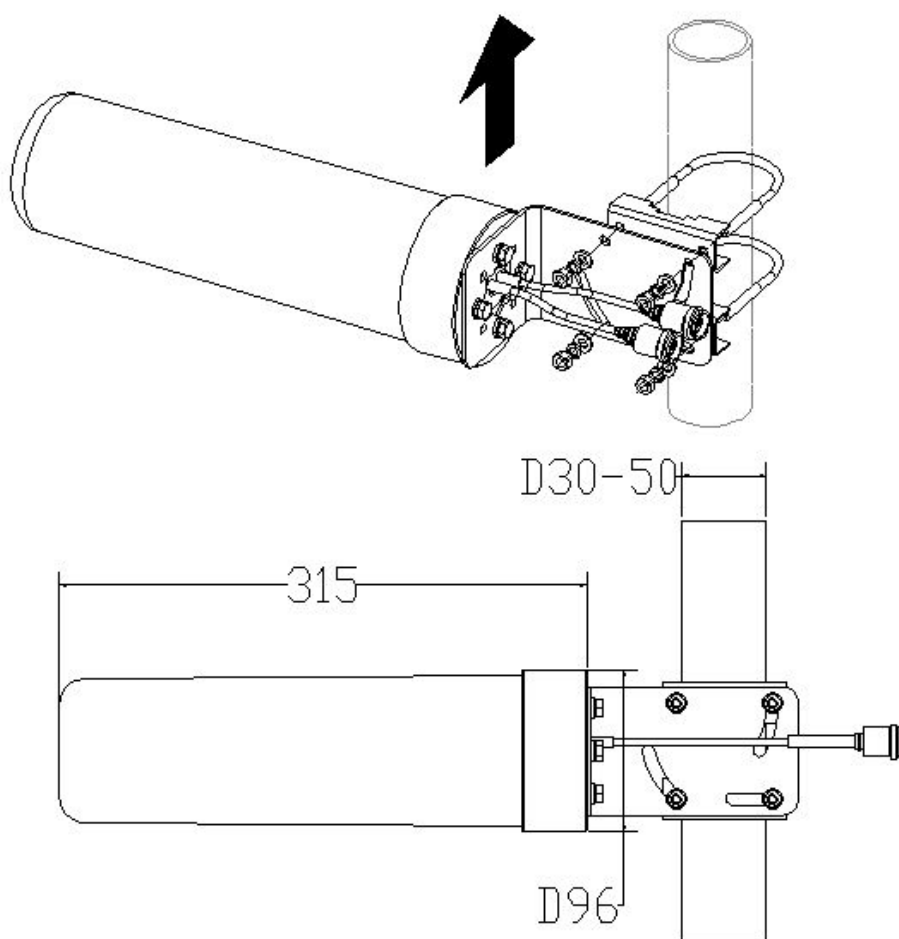
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Antenna Picture Sketch



Installation Sketch



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