

**KBT****150~164MHz 5dBi Fiberglass Omni-directional Antenna****TQJ-015G5F44A****Application**

Used inVHF Band: Wireless Data transmission system/Wireless Paging System.

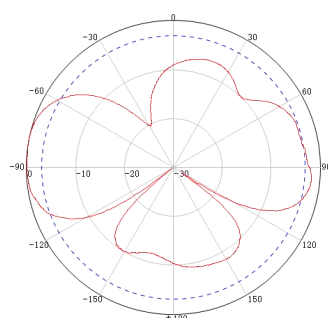
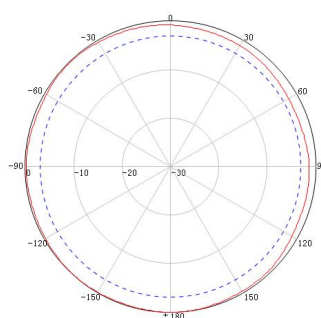
Electrical Specifications

Frequency Range (MHz)	150~164
Bandwidth(MHz)	14
Polarization	Vertical
Gain (dBi)	5
Horizontal Beam Width (°)	360
Vertical Beam Width(°)	40±5
Horizontal unroundness(dB)	±1.5
Impedance (Ω)	50
VSWR	≤1.5
Maximum Power (W)	500

Mechanical Specifications

Connector Type	N Female
Connector Position	Bottom
Depth/ Height (mm)	Φ50* (3200±10)
Weight (kg)	3.1±0.5
Bracket Weight (kg)	2.1
Radome Material	Fiberglass
Radome Color	White or Grey(or Customized)
Operating Temperature (°C)	-40~70
Relative Humidity%	5~95
Rated wind Velocity (m/s)	55
Ingress Protection	IP65(Test without blocking water outlet)
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
Applications	Outdoor
Uitable pole Diameter (mm)	Mast (Mast Supplied by customer,φ35-φ50@ JM-DB)
Mounting Kit	JM-DB

Typical pattern

E Plan**H Plan**

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**KBT**

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Product Picture(Note:The picture is for reference only,
please kindly consult with the real product.)



Installation Sketch

