

**KBT**

400-440MHz/440-480 MHz 3dBi Fiberglass Omni Antenna

TQJ-045G3F62

Applications

UHF Band Communications/ Wireless Data transmission System/ Wireless Paging System.

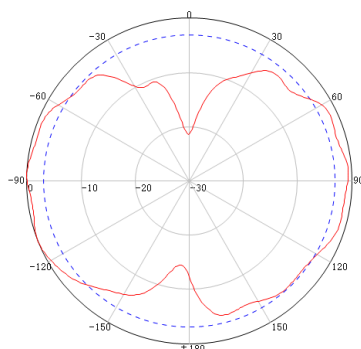
Electrical Specifications

Frequency Range (MHz)	400~440	440~480
Bandwidth(MHz)	40	
Polarization	Vertical	
Gain (dBi)	3 ± 1	
Horizontal Beam Width(°)	360	
Vertical Beam Width(°)	68 ± 15	
Horizontal unroundness(dB)	± 1.5	
Impedance (Ω)	50	
VSWR	≤ 1.5	
Maximum Input Power (W)	500	

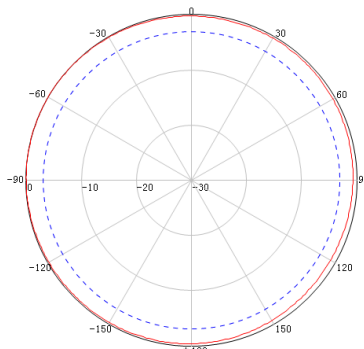
Mechanical Specifications

Connector Type	N Female or DIN-Female (Customized)
Connector Position	Bottom
Antenna Size (mm)	$\Phi 70^* (1050 \pm 5)$
Antenna Weight (Kg)	2.1 ± 0.1 (exclude the bracket)
The Bracket Weight(kg)	3@JM-2DB
Radome material	Fiberglass
Radome color	Blue @Fiberglass
Operating Temperature (°C)	$-50 \sim +70$
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	60
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
waterproofing grade	IP65
Applications	Outdoor
Mounting(Suitable Pole Diameter)	Mast mounting(support mast shall be prepared by customer) $\Phi 50 - \Phi 115$ @JM-2DB
Mounting Kit	JM-2DB or JM-4U (Customized)

Typical pattern E Plane



Typical pattern H Plane



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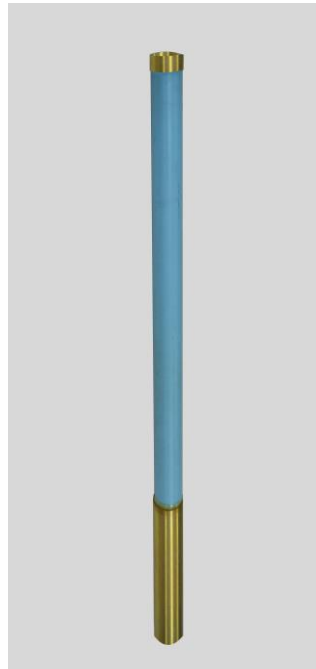
Web: <http://www.kenbotong.com>



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Product Pictures



Installation Sketch

