

# 400MHz band Papilionaceous Eight Folded Dipoles antenna

## Technical Sheet

### Main Features

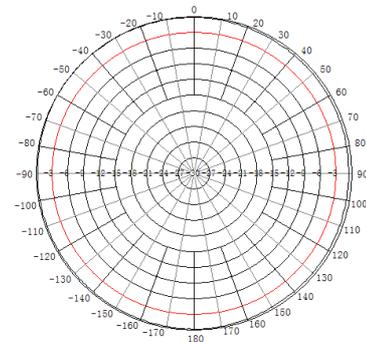
- 400MHz band
- 400MHz wireless trunking communications system
- Wireless data transmission system
- High gain
- Optimized dimensions
- Aluminum alloy structure, Steel mounting kit



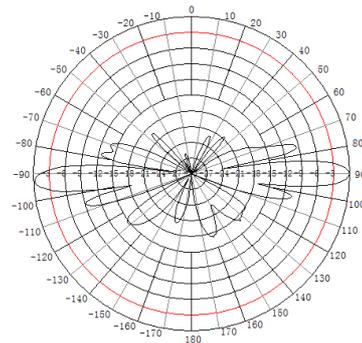
### Electrical Specifications

Model	TQJ-400IIA-1	
Freq.Range-MHz	400 to 490	
Bandwidth-MHz	16	
Gain-dBi	10	
Polarization	Vertical	
Beamwidth -°	H Plane	360
	E Plane	13.5
VSWR	≤1.5	
Impedance-Ω	50	
Power Capacity-W	100	
Lightning Protection	DC Grounded	

### Typical Patterns



H Plane



E Plane

### Mechanical & Environmental Specifications

Connector	N female or customized
Length-m	≤2.5(vary with freq.)
Weight-Kg	≤10(vary with freq.)
Mounting	Mast
Mast Diameter-mm	φ 40 to φ 50
Temperature-°C	-40 to +60
Relative Humidity	5% to 95%
Rated Wind Velocity-m/s	60

### Optional Accessories

Surge protector, Jumper cable, Waterproof tape etc.

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**Kenbotong Technology Co., Ltd.**

Addr : NO.2 Chanxiu Road ,Foshan city,Guangdong China Code:528061

Tel: 86(757)8202-5597, 8221-9788 Fax : 86(757)8221-2072,8802-2808

Email: kbt@kenbotong.com web: <http://www.kenbotong.com>