

TQJ-490G5A
Applications

470-510MHz Band LORA Communications/ Wireless Data transmission system/ Wireless Paging System.

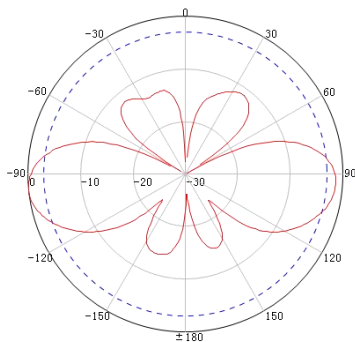
Electrical Specifications

Frequency Range (MHz)	470~510
Band Width (MHz)	40
Polarization	Vertical
Gain (dBi)	5
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	35
Omni Ripple(dB)	±1.5
Impedance (Ω)	50
VSWR	≤2.0
Maximum Input Power (W)	100

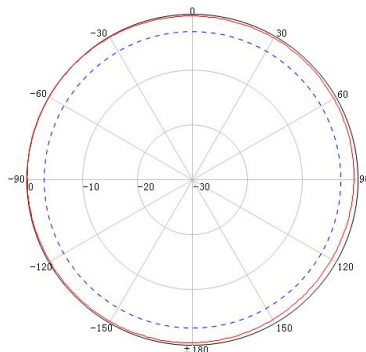
Mechanical Specifications

Connector Type	N Female or Male
Connector Position	Bottom
Antenna Size (mm)	φ 25.5* (1400±5)
Antenna Weight (kg)	0.5±0.05
The Bracket Weight (kg)	0.4
Radome Material	Fiberglass
Antenna Colour	Pale green
Operating Temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	60
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
Ingress Protection	IP65 (Except the outlet hole)
Applications	Outdoor
Mounting (Suitable Pole Diameter)	Mast mounting(support mast shall be prepared by customer) φ 35~ φ 50
Mounting Kit	JM-Q

Typical pattern E Plane



Typical pattern H Plane





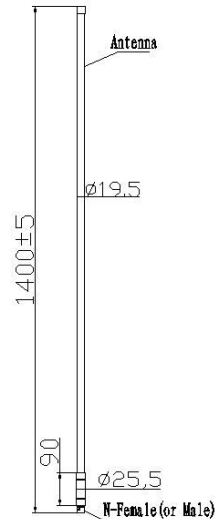
KBT

470~510MHz 5 dBi Fiberglass Omni Antenna

Product Pictures



Dimensional drawings



Installation Sketch

