

**KBT****118-172MHz 5dBi Fiberglass Omni Antenna****TQJ-150G5A****Application**

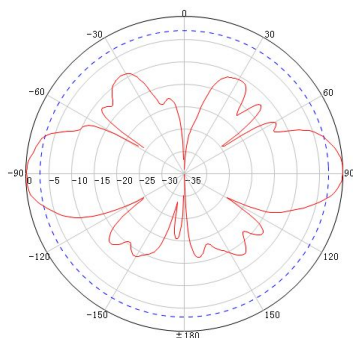
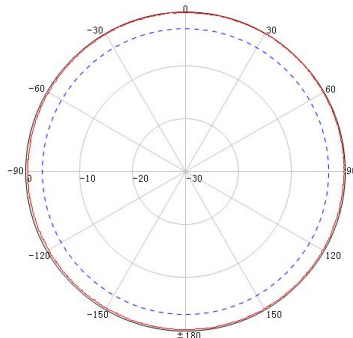
Used in VHF runking communication, Wireless Data Transmission System , VHF Wireless video link

**Electrical Specifications**

Frequency Range (MHz)	118~132 / 132~146 / 140~160 / 146~160 / 158~172
Polarization	Vertical
Gain (dBi)	5±1
VSWR	≤1.6@118~132MHz, ≤1.5 @132~146 MHz, ≤2@140~160 MHz, ≤1.5@146~160 MHz, ≤1.5 @158~172 MHz。
Omni Ripple(dB)	±1.5
Pattern Shape	Omnidirectional
Horizontal Beam Width (°)	360
Vertical Beam Width(°)	35
Impedance (Ω)	50
Maximum Power (W)	500

**Mechanical Specifications-**

Connector	N Female
Connector Position	Bottom
depth/ Height (mm)	φ 70* (4000±20) @118~132MHz / φ 70* (3580±20)
Packing Size (mm)	φ 104*(4500±20) @118~132MHz / φ 104*(4100±20)
Weight (Kg)	5.78±0.2@118~132MHz / 5.3±0.2 (exclude the bracket)
Manner of Packing	Cardboard cylinder
Radome Material	Fiberglass
Radome Color	Blue
Operating Temperature (°C)	-40~+70
Relative Humidity%	5%~95%
Rated Wind Velocity (m/s)	60
Ingress Protection	IP24( IP65 Blocking leak test)
Suitable Pole Diameter (mm)	Φ80~Φ95
Mounting Kit	JM-1DB

**118~172MHz: E Plan****118~172MHz: H Plan.**



# 118-172MHz 5dBi Fiberglass Omni Antenna

Product Pictures



## Installation Sketch

