

**KBT****144-148/440-450MHz 3.5dBi Mobile Antenna**

TQC-150/400

Applications

VHF Band& UHF Dual Band Communications

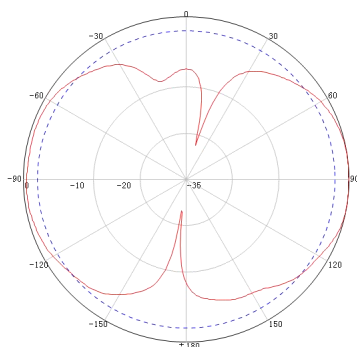
Electrical Specifications

Frequency Range (MHz)	144-148/440-450
Polarization	Vertical
Gain (dBi)	2 / 3.5
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	75±15 / 58±20
Omni Ripple(dB)	±2
Impedance (Ω)	50
VSWR	≤1.8
Maximum Input Power (W)@50℃	100

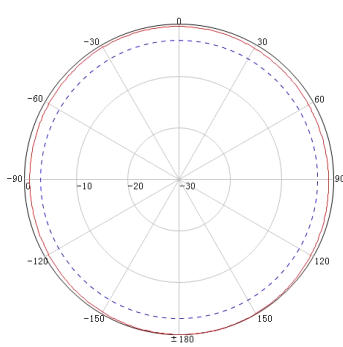
Mechanical Specifications

Connector Type	UHF Male
Connector Position	Bottom-end of the Antenna
Antenna Size (mm)	Φ 24* (500±5)
Antenna Weight (kg)	0.15±0.02
Radome Material	/
Antenna Colour	White
Operating Temperature (℃)	-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
Applications	Indoor or Outdoor
Mounting	With the M90 Magnetic Mount

Typical pattern E Plane



Typical pattern H Plane



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