

**KBT****430~490MHz 3.6dBi
Omnidirectional vehicle antenna****TQC-045UT****Application**

Used in UHF system

Electrical specifications

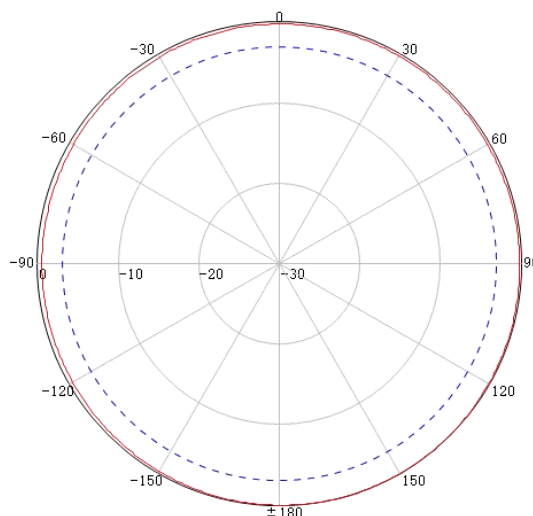
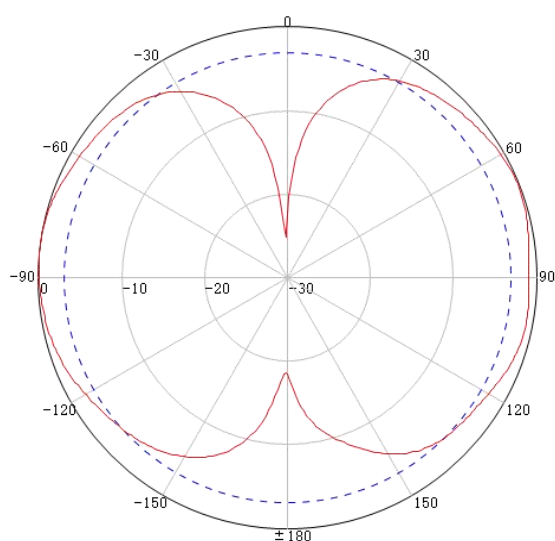
Frequency range (MHz)	430~490
Polarization	Vertical
Maximum Gain (dBi)	3.6
Typical Gain (dBi)	3.3
Radiation Pattern	Omnidirectional
Vertical beam width (°)	90
Impedance (Ω)	50
VSWR	≤2.5@430-475MHz, ≤3.5@480-490MHz
Maximum power (W)	100(CW for 1 min)

Mechanical specifications

Connector	N Female
Connector position	Bottom
Antenna size (mm)	Φ48.5*121±2@Female
Weight (kg)	0.28@Female
Radome material	ABS
Radome color	Black/White(or Customized)
Waterproof	IP65
Operating temperature (°C)	-30~70
Application	Outdoor
Mounting	Nut

Attention!

VSWR and radiation parameters to use 1m*1m in diameter of metal base plate for testing.

Typical pattern:

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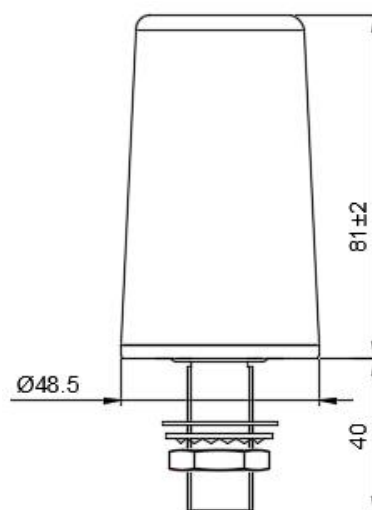
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Omnidirectional vehicle antenna

Product pictures



Product size



Installation Sketch

