

**KBT****VHF Band 3.5dBi Mobile Antenna**

TQC-015G4

Applications

VHF Band Communications/ Wireless Data transmission System/ Wireless Paging System.

Electrical Specifications

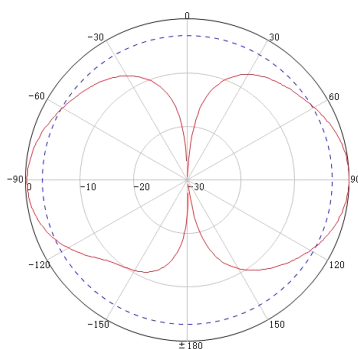
Frequency Range (MHz)	142~150 / 150~158 / 158~164
Bandwidth(MHz)	8
Polarization	Vertical
Gain (dBi)	3.5
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	55
Horizontal unroundness(dB)	±1.5
Impedance (Ω)	50
*VSWR	≤2.5
Maximum Input Power (W)	100

Mechanical Specifications

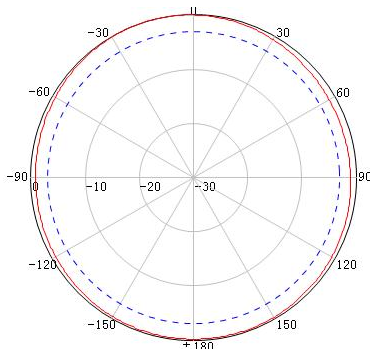
Connector Type	N Male
Connector Position	Bottom
Antenna Size (mm)	$\phi 20 * (1014 \pm 5)$ @142~150MHz/ $\phi 20 * (962 \pm 5)$ @150~158MHz $\phi 20 * (906 \pm 5)$ @158~164MHz
Antenna Weight (Kg)	0.227@142~150MHz/0.224@150~158MHz 0.222@158~164MHz (Antenna Net weight, Without the Magnetic)
Antenna color	Black
Operating Temperature (°C)	-40~+65
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	45
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
waterproofing grade	IP65
Applications	Outdoor
Mounting	With the M110N Magnetic Mount

* VSWR:With the M110N Magnetic Mount On 1m*1m metal plate Test

Typical pattern E Plane



Typical pattern H Plane



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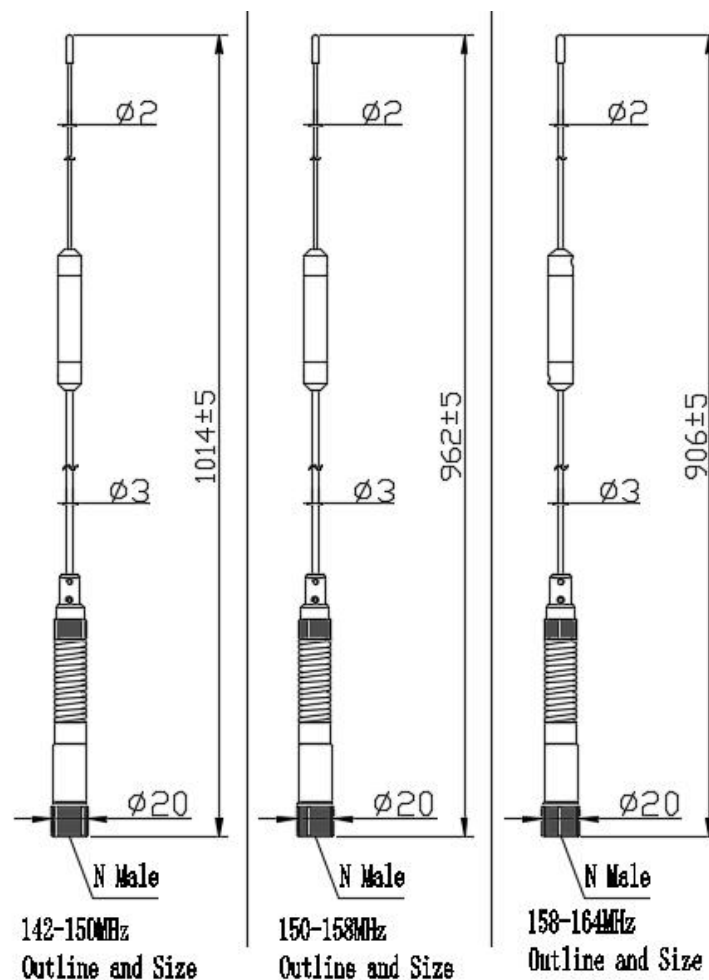
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Product Pictures



Installation Sketch



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