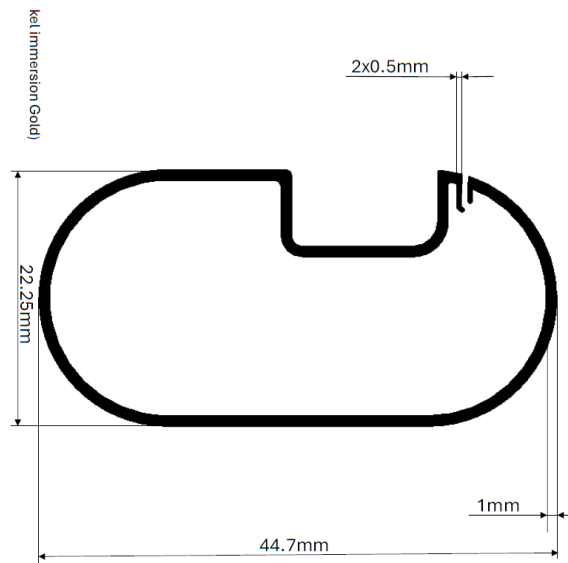


Antenna datasheet: REM101M



Key features: Microstrip folded dipole antenna **Manufacture:** Paradox Security Systems Ltd
Frequency band: 868/914MHz **Address:** 780 Industriel Blvd, Saint-Eustache, Quebec J7R 5V3, Canada
Maximum gain: -2dBi
Horizontal/Vertical polarization

1. Antenna electrical characteristics

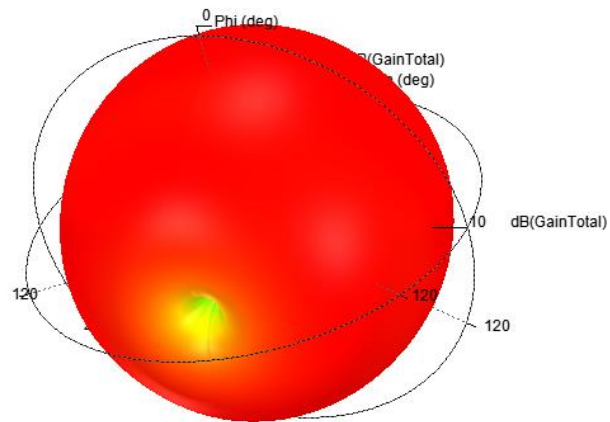
Frequency band	868MHz/914MHz
VSWR	<2
Peak gain	-2dBi
Impedance	50Ω
Polarization	Horizontal/Vertical polarization
Maximum input power	1W

2. Material and environmental characteristics

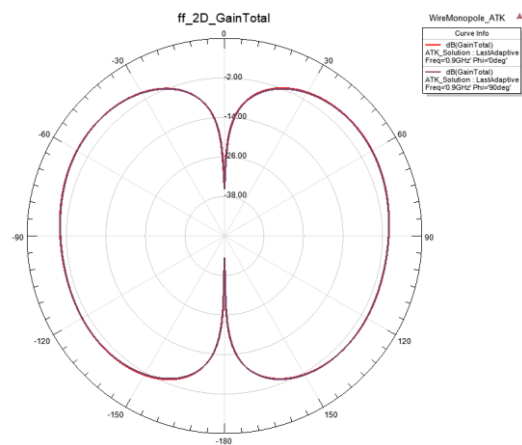
Material	Copper/PCB antenna/ENIG
Dimensions	According to the drawing
Storage temperature	-40 to +80°C
Operation temperature	-40 to +80°C
Antenna Storage life (year)	5 years

3. Antenna measurements:

3.1 3D Radiation pattern



3.2 Azimuth pattern



3.3 Return loss

