

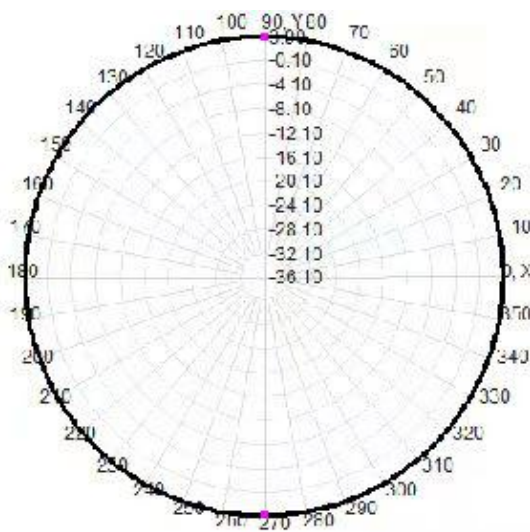


Product Name:VHF Antenna

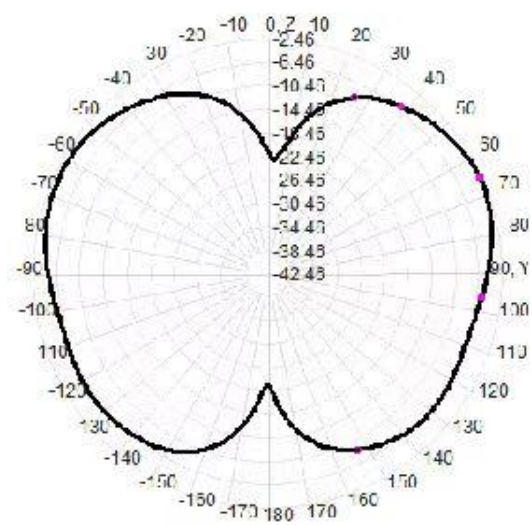
Product Model:GL0140



Horizontal Radiation Pattern



Vertical Radiation Pattern



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**Electrical Specifications**

Frequency Range	100-400 MHz
Gain	1 ±1 dBi
VSWR	≤ 3.0
Polarization	Vertical
Horizontal Beamwidth	360°
Vertical Beamwidth	90° ±15°
Ovality	≤ ±2 dB
Input Impedance	50 Ω
Max Input Power	50 W
Input Connector	N-J (with 25cm RG142 cable)

Mechanical Specifications

Dimensions	φ298 × 138 mm
Packing Size	525 × 350 × 550 mm (4PCS/box)



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Weight	1 kg
Operational Humidity	10% - 95%
Radome Color	Matte Black
Radome Material	ABS
Operating Temperature	-30°C to +65°C
Installation Method	Magnetic Mount

Antenna Installation Instructions

Installation Steps:

- **Prepare Tools & Antenna;** Take out the antenna and prepare tools (screwdriver, impact drill).
- **Drill Pre-Holes:** Use the impact drill to make pre-holes in the ceiling or wall.
- **Mount the Antenna:** Insert plastic anchors into the pre-holes. Remove the antenna cover and secure the antenna with self-tapping screws.
- **Attach the Cover:** Align the cover's notch with the antenna's protruding pin, then rotate to lock it in place.
- **Connect & Seal:** Connect the feeder cable to the antenna's RF port. Wrap waterproof tape around the connector.



Important Notes:

- Professional installation required.
- Installation position: Avoid large metal objects or obstructions for optimal performance.

