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Cellular Antenna

TAMP173

LTE Low Profile Antenna with Screw Mount

INTRODUCTION

The TAMP173 is a compact, screw-mount 4G LTE antenna designed for reliable wideband cellular performance across 698–960 MHz and 1710–2690 MHz. Featuring a low VSWR (<1.5), 50 Ω impedance, and durable IP65–IP67-rated housing, it delivers stable connectivity in demanding environments.

APPLICATIONS

Ideal for embedded and external cellular applications, the TAMP173 is well-suited for routers, gateways, IoT devices, and industrial equipment requiring dependable LTE connectivity. Its rugged, screw-mount design makes it particularly effective in outdoor deployments, vehicle systems, smart infrastructure, and remote monitoring solutions operating across harsh environmental conditions.

Key Specifications

- Frequency Ranges:
  High Band: 1710-2690 MHz
  Low Band: 698-960MHz
- VSWR<1.5
- Impedance: 50 Ω
- Polarization: Linear

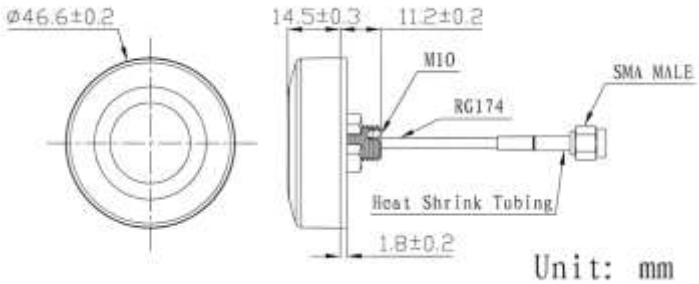
Physical Characteristics

- Cable Length (mm): RG174 3000
- Connector: SMA Male
- Antenna Dimensions: ϕ46.6*14.5mm
- Installation: Screw
- Ingress Protection: IP64~IP67 (excluding cable outlet)

Operating Conditions

- Operating temperature range: -40°C to +85°C
- Vibration Resistance: Applied vibration of 10-55Hz(1.5CM amplitude) for 2 hours
- Humidity: 5-95%

Dimensions (unit: mm)



RoHS COMPLIANT

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