

5G/4G SMA Puck Antenna



Overview

The Puck Antenna is a wideband 5G/4G antenna covering 600–2700MHz and 3300–3800MHz, making it suitable for a broad range of cellular and LTE/5G applications. With 5dBi gain and vertical polarization, it delivers reliable signal reception and transmission via a standard SMA connector.

Built with a durable plastic housing and copper radiator, the antenna is rated for a -40°C to $+85^{\circ}\text{C}$ operating range, making it suitable for outdoor and industrial deployments. It ships with an RG174 cable and is fixed in place with a screw nut mount.

Key Features



Wideband Frequency Coverage

600–2700MHz & 3300–3800MHz coverage for broad 4G/5G band support.



SMA Connector

Standard SMA interface with RG174 cable for easy integration.



5dBi Gain

Enhanced signal strength with up to 50W max input power handling.



Wide Operating Temperature

Rated from -40°C to $+85^{\circ}\text{C}$ for outdoor and industrial use.



Durable Weatherproof Design

Rugged plastic housing and copper radiator built for continuous outdoor use.



Compact Screw-Mount Design

$\Phi 80 \times 16\text{mm}$ footprint, 170g, secured with a screw nut mount.

Electrical Specifications

Frequency Range	600–2700 / 3300–3800 MHz
Input Impedance	50Ω
V.S.W.R	≤2
Gain	5 dBi
Polarization Type	Vertical
Max Input Power	50 W

Mechanical Specifications

Material	Plastic
Antenna Dimension	Φ80 x 16 mm
Radiator	Cuprum
Connect Type	SMA
Working Temperature	–40°C ~ 85°C
Radome Colour	Black
Fixed Form	Screw Nut
Cable	RG174
Weight	170g

Ordering Information

Part Number	HTL-NET-ANT-5GLW3M_01
-------------	-----------------------

Test Data

