

# GPS GSM WIFI Combination Antenna

This combination antenna supports GPS, GSM, and WIFI. It features high gain, high stability, light weight, and a compact size with a UV-ABS radome.



## Overview

### High-Performance Multi-Band Antenna

This combination antenna integrates GPS, GSM, and WIFI capabilities into a single, robust housing, making it an ideal solution for complex wireless communication needs. Engineered for reliability, it supports precise positioning alongside stable network connectivity across multiple frequency bands. With an IP67 waterproof rating and a wide operating temperature range, it is perfectly suited for demanding environments such as vehicle tracking, IoT deployments, and industrial applications.

## GPS Specifications

### LNA Gain

**28 dB**

LNA Gain

Center Frequency	1575.42 MHz
Polarization Type	RHCP

## Communication Bands

### GSM Frequency Range

- 824-894 MHz
- 880-960 MHz
- 1710-1990 MHz

### Signal Performance

Band	VSWR	Gain
GPS	1.5:1	N/A
GSM	2.0:1	2 dBi
WIFI	2.0:1	3 dB

WIFI Frequency Range	2400-2500 MHz
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## Mechanical & Environmental

Waterproof Rating  
IP67

Size 80x 15 mm

Weight 150 g

Working Temperature -40 to +85

Cable & Connector RG174, 3M Cable, SMA Male Connector