

# Wide GPS

## Mighty Mouse Re-Radiating GPS Antenna Kit



### Features

- Re-Radiating distance is 2 meter
- One external antenna for different handheld GPS receivers with L1 band 1575.42MHz frequency
- Current consumption: 30 mA
- Temperature: -30°C to 85°C
- DC adaptor supply 8V to 30V DC
- Receive signal to your handheld GPS
- Real-time GPS satellite outdoor receptions to an in-door environment

### Ordering Information

#### Part Number

→ WIDE-GPS

#### Description

→ 2-meter Re-Radiating Mighty Mouse GPS

WIDE GPS is a complete GPS L1 band signal re-radiating unit with dual antennas to re-transmit real-time GPS satellite outdoor receptions to an in-door environment. The Helix type in-door antenna system allows multi GPS receiver users to perform On-The-Fly normal receiver performance within a closed environment, while the main GPS antenna is located on an Un-Manned out-door location.

### System Description

The system kits are designed to operate as whole, it includes a high gain external GPS antenna, precisely calibrated amplifier circuit with Helix type indoor antenna and a power supply regulator built-in.

### Applications / Coverage

The re-radiating indoor circuit with Helix type antenna can support any type of GPS receivers that use the L1 band 1575.42MHz frequency. It can provide good signal reception to a distance of 2 meters or more, depending on indoor noise environment. The indoor Helix antenna can be used and located in the following: Vehicle, Bus, Trains, Ships, Aircraft, Multi-receivers, Laboratory, Sailing Boats, Rovers, and Office.



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