

Part No 0294101M GPS Internal Glass Mount Antenna

This antenna provides the best GPS reception in an easy and practical mounting method. The antenna is smaller than a matchbox and when fitted to a windscreen is unobtrusive. The compact design outperforms other antennas of similar size, without sacrificing GPS sensitivity. GPS performance is 28dB, with 5dBi antenna gain. The GPS circuitry has a low 1.5dB maximum noise figure with excellent filter characteristics.

The antenna element points outside the window. Power is also supplied to the GPS amplifier through the single cable. This model can also be used for other mounting applications, or hidden for covert use.

The products can be mounted on a front or rear windshield. The antenna is outfitted with 5m of LL100 cable with a MMCX connector.



Application

GPS 1575 MHz

Features

- ✓ High performance GPS 28dB active amplifier
- ✓ Internal Mounting protect the GPS Antenna
- ✓ Fast and simple mounting to a window with adhesive base

Mounting

Front or Rear windshields.

Specifications

| | | | |
|------------------------|--------------------------------------|--------------------|--------------------------------|
| Frequency: | 1575.42 ± 1MHz | Dimension: | 50mm (L) x 40mm (W) x 15mm (H) |
| GPS Gain: | 28 ± 3 dB amplifier, 5dBi Antenna | Weight: | 55 gm |
| Operating Temp: | -40 ~ +85 °C | Mount Type: | Adhesive |
| Humidity: | 5 ~ 95% RH | Cable: | LL100 5m |
| Noise Figure: | < 1.5 dB | Connector: | MMCX plug |
| Voltage: | 3 ~ 5 VDC | | |
| Current Drain: | 8 ~ 15 mA | | |

Packaging

Poly Bag – 50 pcs / Carton @ G.W. 6 kg

Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))