

Model No 0294101SB

GPS Internal Glass Mount Antenna with SMBp

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 3m of LL100 cable with SMB plug.

Application

GPS 1575 MHz

Tuning

No tuning required

Features

- ✓ High performance GPS 28dB active amplifier
- ✓ Internal Mounting protect the GPS Antenna
- ✓ Fast and simple mounting to a window with adhesive base
- ✓ Separate low profile internal cabling for easy headliner installation and routing



Mounting

Front or Rear windshields.

Specifications

Frequency:		Dimension:	43mm (L) x 36mm (W) x 15mm (H)
GPS	1575.42 ± 2MHz	Weight:	20 gm
GPS Gain:	28 ± 3 dB amplifier, 5dBi Antenna	Mount Type:	Adhesive
Operating Temp:	-40 ~ +85° C	*Cable:	LL100 3m
Humidity:	55 ~ 75% RH	*Connector:	SMB plug
Noise Figure:	1.5 dB		
Voltage:	3 ~ 5 VDC		
Current Drain:	8 ~ 15 mA		

**Can be made with alternative cable lengths and terminations.*

Packaging

Poly Bag – 50 pcs / Carton @ 6 kg

Warranty

3 years (Please refer to Benelec Standard Warranty Terms and Conditions)