

## DATASHEET

### MINI MAGNETIC MOUNT GPS ACTIVE ANTENNA GPS 1575 MHz 28 dBi, SMA CONNECTOR



This antenna provides the best GPS reception in an easy and practical mounting method. The antenna is smaller than a matchbox.

The compact design outperforms other antennas of similar size, without sacrificing GPS sensitivity. The GPS performance is 28dB, with 5dBi antenna gain. The GPS circuitry has a low 1.5dB maximum noise figure with excellent filter characteristics.

Power is also supplied to the GPS amplifier through the single cable. The antenna is outfitted with 3m of Low Loss LL100 cable with SMA connector.

#### FEATURES

- High performance GPS 28 dB active amplifier
- Fast and simple magnetic mounting
- Separate low profile internal cabling for easy headliner installation and routing

#### MOUNTING

Antenna should be mounted on an external ferrous surface for optimum performance

#### SPECIFICATIONS

Frequency GPS	GPS 1575.42 ± 2MHz
GPS Gain	28 ± 3 dB amplifier, 5 dBi Antenna
Operating Temp	-40 ~ +85 ° C
Humidity	55% ~ 75% RH
Noise Figure	1.5 dB
Voltage	3 ~ 5 VC
Current Drain	8 ~ 15 mA
Dimensions	46 (L) x 38 (W) x 13 (H) mm
Weight	20 g
Mount Type	Magnetic
*Cable	*LL100 Low Loss Cable 3m
*Connector	SMA Plug

\* Can be made with alternative cable lengths and terminations

#### WARRANTY

3 Years (Please refer to Benelec Terms & Conditions)