

## DATASHEET

### MINI MAGNETIC MOUNT GPS ACTIVE ANTENNA GPS 1575 MHz 28 dBi, TNC 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 5m of Low Loss LL100 cable with TNC connector.

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

#### FEATURES

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

#### PACKAGING

Poly Bag – 50 pcs / carton @ G.W.: 5kg

#### SPECIFICATIONS

Frequency GPS	1575.42 ± 10MHz
GPS Gain	28 ± 3 dB amplifier, 5 dBi Antenna
Operating Temp	-40 ~ +60 ° C
Humidity	5% ~ 95% 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	75 g
Mount Type	Magnetic (on Ferrous surface)
*Cable	*LL100 Low Loss Cable 5m
*Connector	TNC Plug

\* Can be made with alternative cable lengths and terminations

#### WARRANTY

3 Years (Please refer to Benelec Terms & Conditions)