



**Superbat TNC Plug GPS mini
Magnetic base Antenna Aerial
Connector Cable for TomTom Garmin
Navman Clarion GPS Navigation
Receiver**

(i) Dielectric Antenna

Center Frequency $1575.42\text{MHz} \pm 3\text{ MHz}$

V.S.W.R 1.5:1

Band Width $\pm 5\text{ MHz}$

Impedance 50 ohm

Peak Gain $>3\text{dBi}$ Based on $7 \times 7\text{cm}$ ground plane

Gain Coverage $>-4\text{dBi}$ at $-90^\circ < 0 < +90^\circ$ (over 75% Volume)

Polarization RHCP

(ii) LNA/Filter

LNA Gain (Without cable) $28 \pm 3\text{dB}$

Noise Figure 1.5dB Typ.

Filter Out Band Attenuation ($f^\circ = 1575.42\text{MHz}$)

7dB Min $f0 \pm 20\text{MHz}$;

20dB Min $f0 \pm 50\text{MHz}$;

30dB Min $f0 \pm 100\text{MHz}$

V.S.W.R <2.0

DC Voltage $2.7\text{V}/3.0\text{V}/3.3\text{V}/5.0\text{V}/3.0\text{V}$ to 5.0V / other

DC Current $5\text{mA}/11\text{mA}/15\text{mA}$ Max

(iii) Mechanical

Weight $<100\text{gram}$

Size $38 \times 34 \times 11\text{mm}$

Cable :RG174 3 meter / contact us for other length

Connector :TNC male straight default/ SMA/SMB/SMC/FME/TNC/MCX /MMCX /Fakra/AVIC/ in straight or right angle please give us some notes if the antenna connector is chosen. Tks!

Mounting: Magnetic base

Housing Black

(iv) Environmental

Working Temp $-40^\circ\text{C} \sim +85^\circ\text{C}$

Storage Temp. $-45^\circ\text{C} \sim +100^\circ\text{C}$

Vibration Sine sweep $1\text{g}(0\text{-p})10\sim 50\sim 10\text{Hz}$ each axis

Relative Humidity 95% non-condensing

Weatherproof 100% Waterproof

(V) FEATURES:

Compact Construction/ Low Profile/

Fully Waterproof

Magnet and Screw Mount Base

Excellent Temperature Stability

Low Noise Figure

High Sensitivity

(VI) Application:

Furuno GP 32 GPS receiver

Furuno GP 35 GPS receiver,

Furuno GP 36 GPS receiver,

Furuno GP 37 GPS receiver

Furuno GP 80 Receiver,

Furuno GP 80D Receiver

Furuno GP 90 Receiver

Furuno GP 150 GPS receiver,

Furuno GP 150D GPS receiver

Furuno GP 1600 GPS receiver,

Furuno GP 1610C GPS receiver

Furuno GP 1650 GPS receiver,

Furuno GP 1650D GPS receiver,

Furuno GP 1650D/NT GPS receiver,

Furuno GP 1650F/NT GPS receiver,

Furuno GP 1650/NT GPS receiver,

Furuno GP 1650W GPS receiver,

Furuno GP 1650W/NT GPS receiver

Furuno GP 1810 GPS Receiver

Furuno GP 1850 GPS Receiver,

Furuno GP 1850/NT GPS Receiver,

Furuno GP 1850W GPS Receiver,

Furuno GP 1850W/NT GPS Receiver,

Furuno GP 1850WD GPS Receiver,

Furuno GP 1850WD/NT GPS Receiver

Not all applicable models are listed. If you have any questions about the product, please contact us.

The length of the antenna can be customized.