

# GPS-2G/804

VHF/GPS - Combi magnitic Multiband mobile antenna with 3 dBd gain VHF whip

The GPS-2/804 is a whip and base combination for magnetic roof mounting. Combining an integrated GNSS antenna and a high gain VHF whip, specifically 136 - 175 MHz.

With a meticulously constructed base made of PA, it is durable and strong.

The whip is made of stainless steel, black chromed to withstand the harshest conditions.

## ELECTRICAL SPECIFICATIONS

Type	VHF whip antenna (5/8 $\lambda$ ) GPS Magnetic Base Kit
Frequency	VHF: 136-175 MHz GPS: 1575.42 MHz
Bandwidth	7 MHz (VHF)
V.S.W.R	$\leq 1.5:1$
Impedance	50 Ohm
Polarisation	Linear (VHF) Right Hand Circular (RHC) (GPS)
Gain	3 dBd, 5.15 dBi (VHF)
Satellite System	GPS and Galileo
LNA Gain	25 dBi
Noise Figure	Max 2.1 dB
Supply Voltage	2.7 - 5.0 VDC
Current Consumption, Average	12 mA @ 2.7 VDC 26 mA @ 5 VDC
Max. Input Power	50 W (VHF)



## Datasheet

2 / 2

## MECHANICAL SPECIFICATIONS

Color	Black
Dimensions	Mount: Ø 95 mm Whip length: approx. 1300 mm
Weight	450 g
Mounting	Magnetic On horizontal surface (Vehicle roof etc.)
Mounting Instructions	Antenna Whip must be cut to specified frequency. See cutting diagram - TBA
Materials	PA, PCB, Black anodized steel
Operating Temperature	-30 to +80°C
Connector	BNC-male (VHF) SMA-male (GPS)
Cable	5.0 m RG-58 (VHF) 5.0 m RG-174 (GPS)
Ingress Protection	IP65 (When mounted)
Serial No.	On product label

## ORDERING INFORMATION

GPS-2G/804	Base (BA-804) and Whip (WCK-2G)
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## PACKAGING INFORMATION

Type	In Bag
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