

# GPS-70/804

## UHF/GPS - Combi magnitic Multiband mobile antenna with Unity Gain Whip

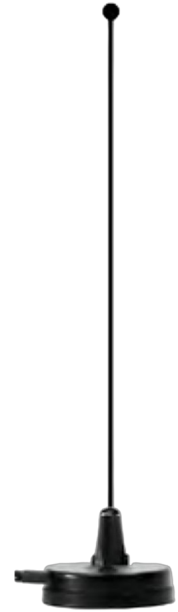
The GPS-70/804 is a mobile antenna with a UHF whip and magnetic base for roof mounting. Combining an integrated GPS antenna and a unity gain UHF whip, specifically 380-500 MHz.

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	UHF whip antenna (1/4 $\lambda$ ) GPS Magnetic Base Kit
Frequency	UHF: 380-500 MHz GPS: 1575.42 MHz
Bandwidth	50 MHz (UHF)
V.S.W.R	$\leq 1.5:1$
Impedance	50 Ohm
Polarisation	Linear (UHF), Right Hand Circular (RHC) (GPS)
Gain	0 dBd, 2.15 dBi (UHF)
LNA Gain	25 dB
Satellite System	GPS and Galileo
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 (UHF)



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Dimensions	Ø: 95 mm Whip length: approx. 180 mm
Weight	370 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 (UHF) SMA-male (GPS)
Cable	5.0 m RG-58 (UHF) 5.0 m RG-174 (GPS)
Ingress Protection	IP65 (When mounted)
Serial No.	On product label

## ORDERING INFORMATION

GPS-70/804	Base (BA-804) and Whip (WCK-70)
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## PACKAGING INFORMATION

Type	In Bag
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