

GPS-70/804

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

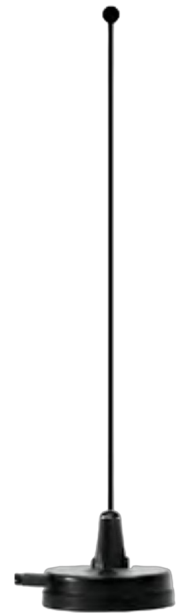
The GPS-70/804 is a mobile antenna with a UHF whip and magnetic base for roof mounting. Combining an integrated GPS antenna and a unity gain UHF whip, specifically 380-500 MHz.

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

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|------------------------------|--|
| Type | UHF whip antenna (1/4 λ) 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

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|------------|---------------------------------|
| GPS-70/804 | Base (BA-804) and Whip (WCK-70) |
|------------|---------------------------------|

PACKAGING INFORMATION

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|------|--------|
| Type | In Bag |
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