Datasheet

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

Туре	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	≤ 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)



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MECHANICAL SPECIFICATIONS

Black
Ø: 95 mm Whip length: approx. 180 mm
370 g
Magnetic On horizontal surface (Vehicle roof etc.)
Antenna Whip must be cut to specified frequency. See cutting diagram - TBA
PA, PCB, Black anodized steel
-30 to + 80°C
BNC-male (UHF) SMA-male (GPS)
5.0 m RG-58 (UHF) 5.0 m RG-174 (GPS)
IP65 (When mounted)
On product label

ORDERING INFORMATION

GPS-70/804

Base (BA-804) and Whip (WCK-70)

PACKAGING INFORMATION

Туре

In Bag

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