GPS-2/804

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



The GPS-2/804 is a whip and base combination for magnetic roof mounting. Combining an integrated GNSS antenna and a unity gain VHF whip, specifically 136 - 240 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 (1/4 λ) GPS Magnetic Base Kit
Frequency	VHF: 136-240 MHz GPS: 1575.42 MHz
Bandwidth	7 MHz (≤ 1.5:1), 20 MHz (< 2.0:1)
V.S.W.R	≤ 1.5:1 (7 MHz) < 2.0:1 (20 MHz)
Impedance	50 Ohm
Polarisation	Linear (VHF), Right Hand Circular (RHC) (GNSS)
Gain	0 dBd, 2.15 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)

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

MECHANICAL SPECIFICATIONS

Color	Black
Dimensions	Mount: Ø 95 mm Whip length: approx. 525 mm
Weight	400 g
Mounting	Magnetic On horizontal surface (Vehicle roof etc.)
Mounting Instructions	Antenna Whip must be cut to specified frequency.
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-2/804	Base (BA-804) and Whip (WCK-2)

PACKAGING INFORMATION

Type	In Bag

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.