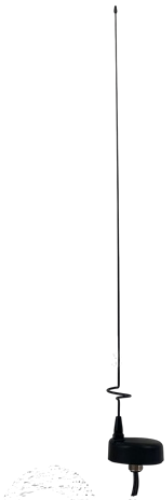
GPS-70G Combi Series

UHF (350- 500 MHz) 3 dBd Mobile Whip and GNSS Combination Base Kit



The GPS-70G Combi series offers two whip and base combinations for roof mounting. Combining an integrated GNSS antenna and a high gain UHF whip, specifically 300 - 500 MHz.

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

All antenna whips are made of stainless steel, black chromed to withstand the harshest conditions.

- GPS-70G - GNSS Base and 5/8 λ whip
- GPS-70GR - GNSS Base and 5/8 λ whip with adjustable tilt

ELECTRICAL SPECIFICATIONS

Type	Whip antenna (5/8 λ) and GNSS Base Kit
Frequency	350 - 500 MHz, 1575.42 MHz (External Antenna Whips, GNSS)
Bandwidth	3% of f.res (VSWR ≤ 1.5:1)
V.S.W.R	≤ 1.3:1 @ f.res
Impedance	50 Ohm
Polarisation	Linear (UHF), RHC (Right Hand Circular)(GNSS)
Gain	3 dBd, 5.15 dBi (UHF)
Satellite System	GPS and Galileo
LNA Gain	24 dB (GNSS)
Noise Figure	1.8 dB (GNSS)
Supply Voltage	2.7 - 5.5 VDC
Current Consumption, Average	12 mA @ 2.7 VDC 27 mA @ 5.5 VDC
Max. Input Power	150 W (UHF)

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	650 x 70 x 50 mm
Weight	480 g
Mounting Place	Vehicle roof (Metalic surface)
Mounting Hole	Ø 19.0 mm
Mounting Instructions	Antenna Whip must be cut to specified frequency. See cutting diagram.
Build-in Depth	Approx. 4 mm
Materials	Black Polamyde, PCB, Black chromed SS
Operating Temperature	-40 to + 70°C
Connector	Antenna Whip: UNF 5/16-24 Base: See "ORDERING INFO" (other types available)
Cable	See "ORDERING INFO"
Ingress Protection	IP65 (When mounted)
Serial No.	On product label

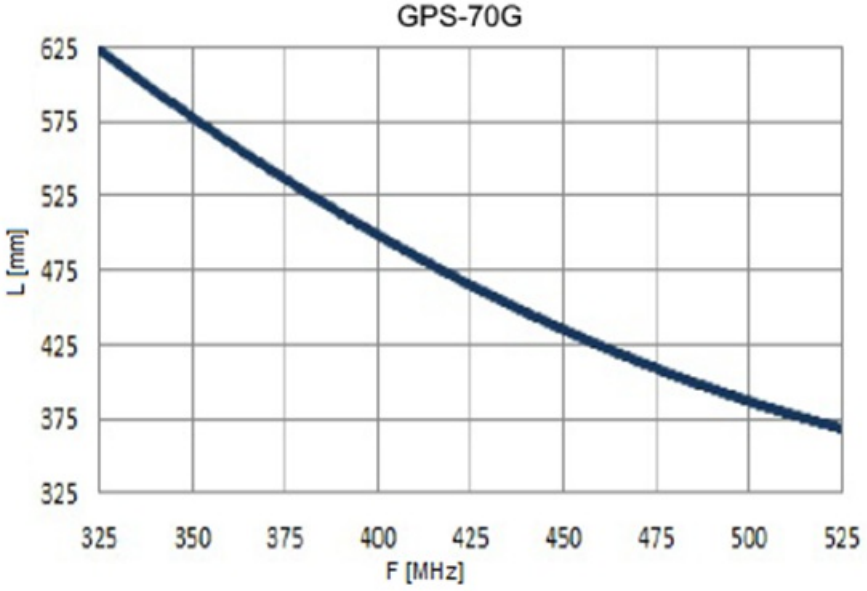
ORDERING INFORMATION

GPS-70G	WGPS-70G (5/8 λ whip) + BA-GPS (5.0 m RG-58 BNC(m) (UHF), 5.0 m RG-174 SMA(m) (GNSS))
GPS-70GR	WGPS-70GR (5/8 λ whip with adjustable tilt) + BA-GPS (5.0 m RG-58 BNC(m) (UHF), 5.0 m RG-174 SMA(m) (GNSS))

PACKAGING INFORMATION

Type	Bag

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Measured on a Ø 500 mm ground plane

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