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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 with stand 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

Whip antenna (5/8 λ) and GNSS Base Kit
350 I 500 MHz, 1575.42 MHz (External Antenna Whips, GNSS)
3% of f.res (VSWR ≤ 1.5:1)
≤1.3:1 @ f.res
50 Ohm
Linear (UHF), RHC (Right Hand Circular)(GNSS)
3 dBd, 5.15 dBi (UHF)
GPS and Galileo
24 dB (GNSS)
1.8 dB (GNSS)
2.7 - 5.5 VDC
12 mA @ 2.7 VDC 27 mA @ 5.5 VDC
150 W (UHF)



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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

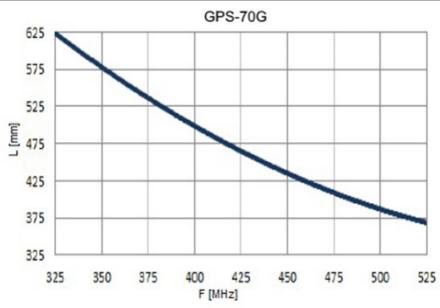
GPS-70G	WGPS-70G (5/8 λ whip) + BA-GPS (5.0 m RG-58 BNC(m) (UHF), 5.0 m RG-174 SMA(m) (GNSS))
GPS-70GR	WGPS-70GR (5/8 λ whip with adjustable tilt) + BA-GPS (5.0 m RG-58 BNC(m) (UHF), 5.0 m RG-174 SMA(m) (GNSS))

PACKAGING INFORMATION

Type	Bag
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Measured on a Ø 500 mm ground plane