

# WGPS-70G Series

## UHF (325 - 500 MHz) 3 dBd Mobile Whip

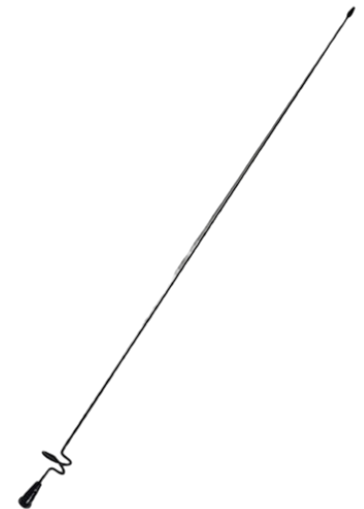
The WGPS-70G series offers two high gain whip antennas to be used for the UHF band, specifically 325 - 500 MHz.

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

- WGPS-70G -  $5/8 \lambda$  antenna whip
- WGPS-70GR -  $5/8 \lambda$  antenna whip with adjustable tilt

## ELECTRICAL SPECIFICATIONS

Type	Whip antenna ( $5/8 \lambda$ )
Frequency	325 - 500 MHz
Bandwidth	3% of f.res (VSWR $\leq 1.5:1$ )
VSWR	$\leq 1.3:1$ @ f.res
Impedance	50 Ohm
Polarisation	Vertical
Gain	3 dBd, 5.15 dBi
Max. Input Power	150 W



## MECHANICAL SPECIFICATIONS

Color	Black
Length	Max. TBC mm
Weight	Max. TBD
Mounting	On BA-GPS base - 8 mm
Mounting Place	Vehicle roof (Metalic surface)
Mounting Instructions	Antenna Whip must be cut to specified frequency.
Materials	Black chromed SS
Operating Temperature	-40 to +70°C
Connector	UNF 5/16-24 Thread

## Datasheet

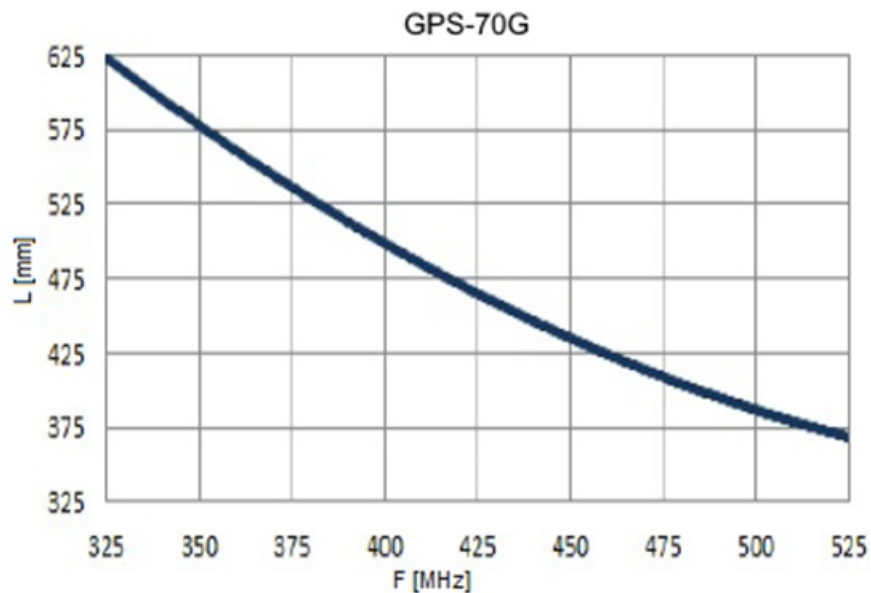
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## ORDERING INFORMATION

WGPS-70G	5/8 $\lambda$ Whip
WGPS-70GR	5/8 $\lambda$ Whip with adjustable tilt

## PACKAGING INFORMATION

Type	In Bag
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Measured on a  $\varnothing$  500 mm ground plane