

# WGPS-70

## VHF (300 - 500 MHz) 0 dBd Mobile Whip

The WGPS-70 is a unity gain whip antennas to be used for the UHF band, specifically 300 - 500 MHz.

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

### ELECTRICAL SPECIFICATIONS

Type	Whip antenna ( $\lambda/4$ )
Frequency	300 - 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	0 dBd, 2.15 dBi
Max. Input Power	50 W



### MECHANICAL SPECIFICATIONS

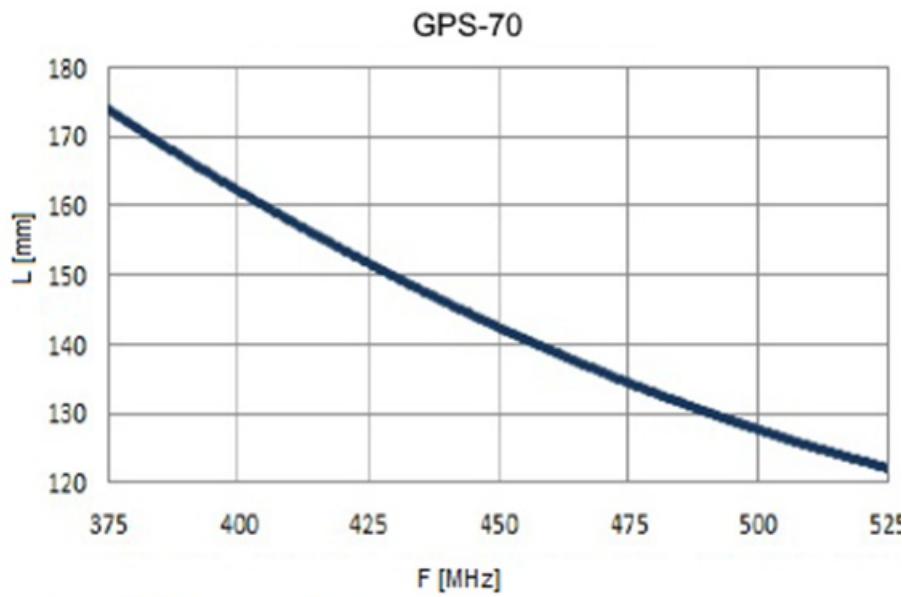
Color	Black
Length	Max. 160 mm
Weight	Max. 25 g
Mounting	On BA-GPS base
Mounting Place	Vehicle roof (Metalic surface)
Mounting Instructions	Antenna Whip must be cut to specified frequency.
Materials	Black chromed SS
Operating Temperature	-40 to +70°C
Connector	UNF 5/16-24 Thread

### ORDERING INFORMATION

WGPS-70	$\lambda/4$ Whip
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PACKAGING INFORMATION

Type	In Bag
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Measured on a Ø 500 mm ground plane