

# WGPS-2 Series

## VHF (144 - 174 MHz) 0 dBd Mobile Whip

The WGPS-2 series offers several unity gain whip antennas to be used for the VHF band, specifically 144 - 174 MHz.

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

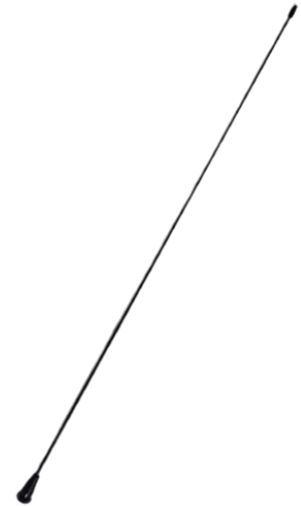
- WGPS-2 -  $\lambda/4$  antenna whip
- WGPS-2R -  $\lambda/4$  antenna whip with adjustable tilt
- WGPS-2M -  $\lambda/4$  antenna whip with a conical spring

## ELECTRICAL SPECIFICATIONS

Type	Whip antenna ( $\lambda/4$ )
Frequency	144 - 174 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. TBC mm
Weight	Max. TBD
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



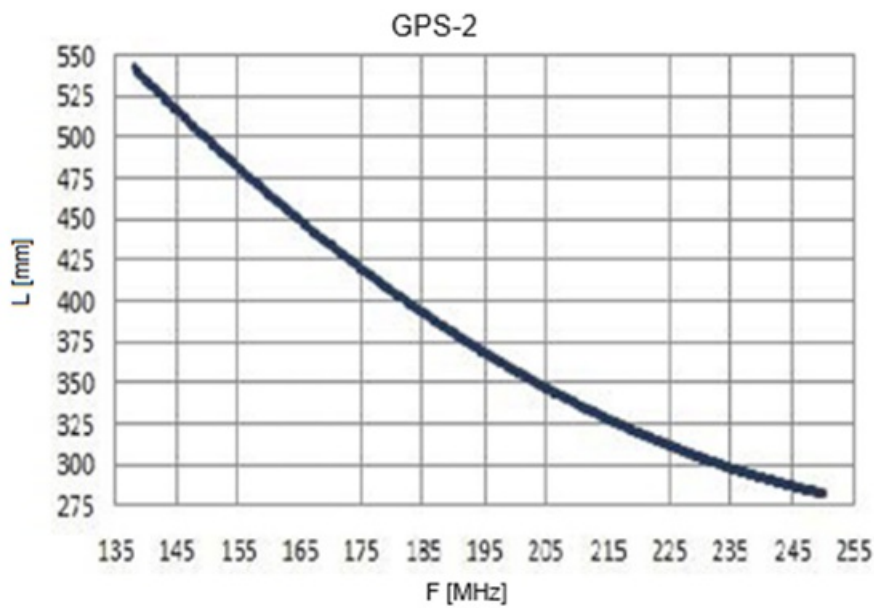
# Datasheet

## ORDERING INFORMATION

WGPS-2	$\lambda/4$ Whip
WGPS-2R	$\lambda/4$ whip with adjustable tilt
WGPS-2M	$\lambda/4$ whip with a conical spring

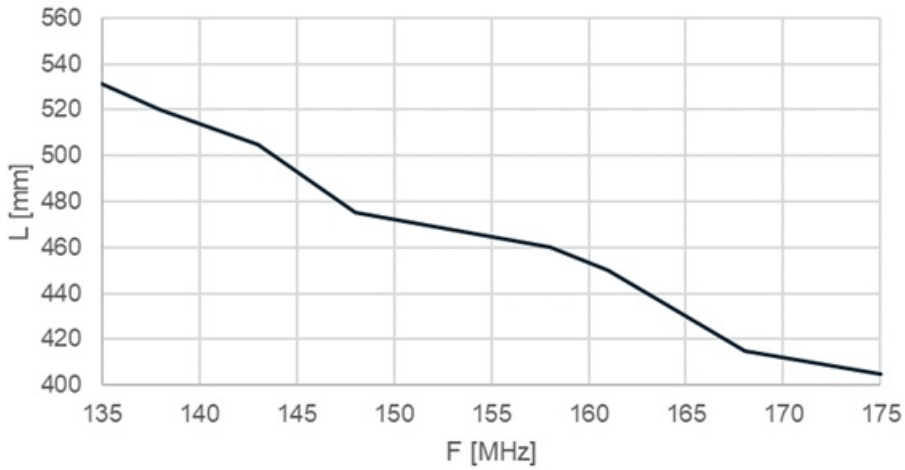
## PACKAGING INFORMATION

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

GPS-2R



GPS-2M

