

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.

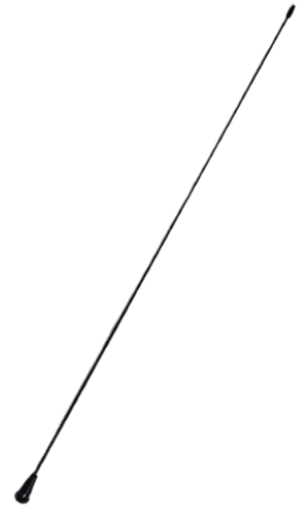
- WGPS-2 - $\lambda/4$ antenna whip
- WGPS-2R - $\lambda/4$ antenna whip with adjustable tilt
- WGPS-2M - $\lambda/4$ antenna whip with a conical spring

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 - 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



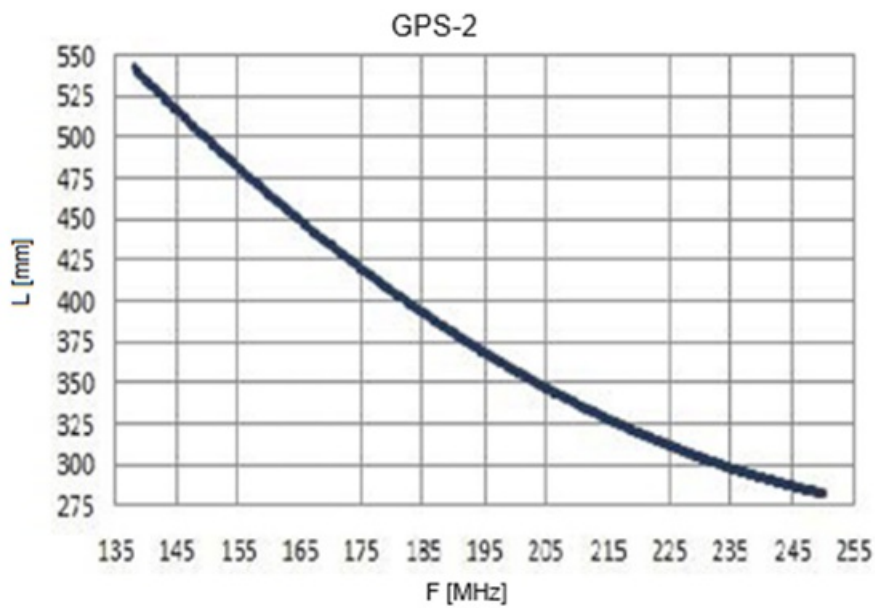
Datasheet

ORDERING INFORMATION

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

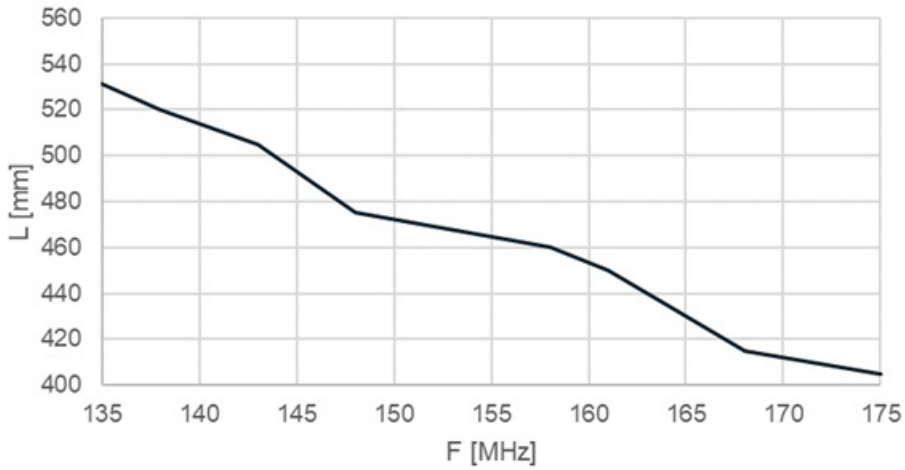
PACKAGING INFORMATION

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

GPS-2R



GPS-2M

