

## WIN-2 Series

### VHF (134 - 220 MHz) Mobile Whip

The WIN-2 series offers several whip to be used for the VHF band, specifically 134 - 220 MHz.

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

- WIN-2 -  $\lambda/4$  antenna whip
- WIN-2F -  $\lambda/4$  antenna whip with black heat shrink
- WIN-2M -  $\lambda/4$  antenna whip with a conical spring
- WIN-2M/A -  $\lambda/4$  antenna whip with a barrel spring
- WIN-2R -  $\lambda/4$  antenna whip with adjustable tilt
- WIN-2RM -  $\lambda/4$  antenna whip with adjustable tilt and conical spring
- WIN-2RM/A -  $\lambda/4$  antenna whip with adjustable tilt and barrel spring

### ELECTRICAL SPECIFICATIONS

Type	Whip antenna ( $\lambda/4$ )
Frequency	134 - 220 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



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	Black
Length	Max. 570 mm
Weight	Max. 170 g
Mounting	On BA-IN base - 10mm
Mounting Place	Vehicle roof (Metalic surface)
Mounting Instructions	Antenna Whip must be cut to specified frequency.
Materials	Chromed brass and stainless steel
Operating Temperature	-40 to +70°C
Connector	M10 Thread

## ORDERING INFORMATION

WIN-2	$\lambda/4$ Whip
WIN-2F	$\lambda/4$ Whip with black heat shrink
WIN-2M	$\lambda/4$ whip with a conical spring
WIN-2M/A	$\lambda/4$ antenna whip with a barrel spring
WIN-2R	$\lambda/4$ whip with adjustable tilt
WIN-2RM	$\lambda/4$ whip with adjustable tilt and conical spring
WIN-2RM/A	$\lambda/4$ antenna whip with adjustable tilt and barrel spring

## PACKAGING INFORMATION

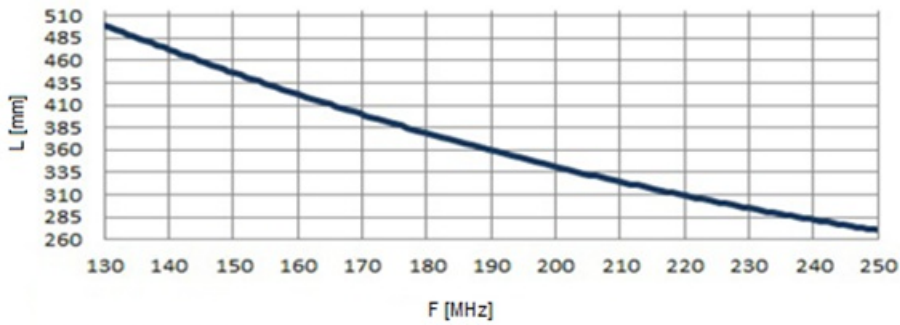
Type	In Bag
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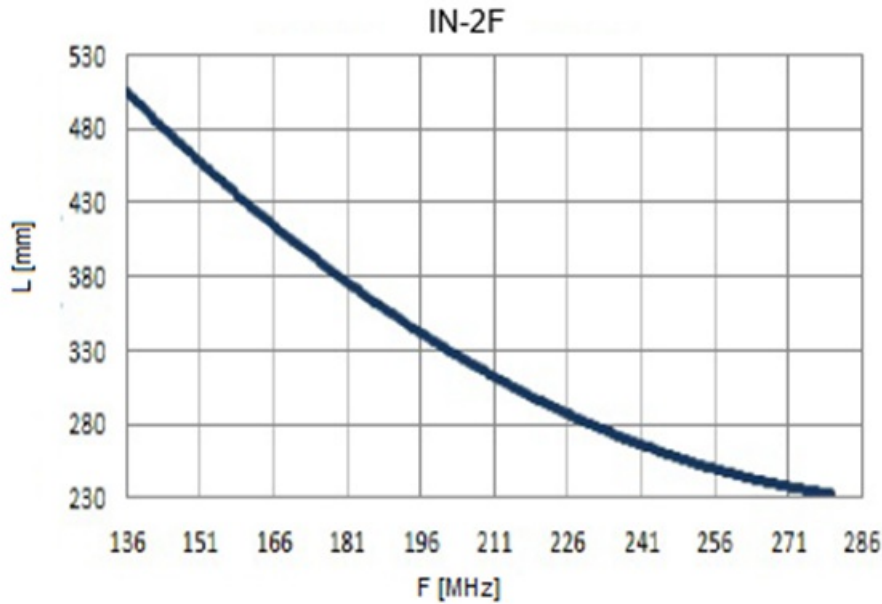




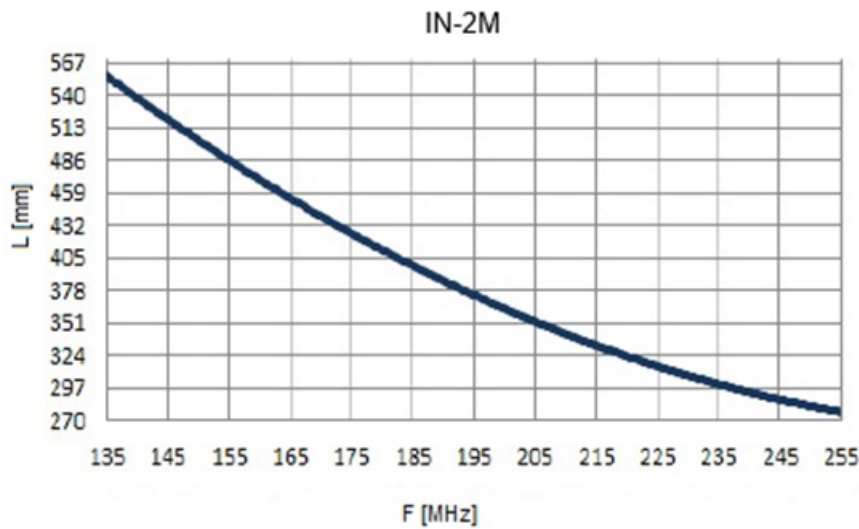
IN-2



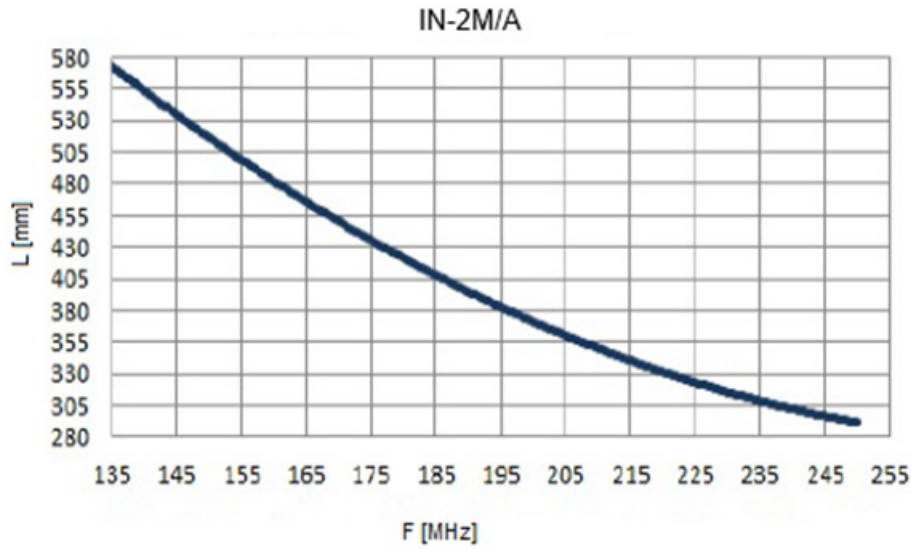
Measured on a Ø 500 mm ground plane



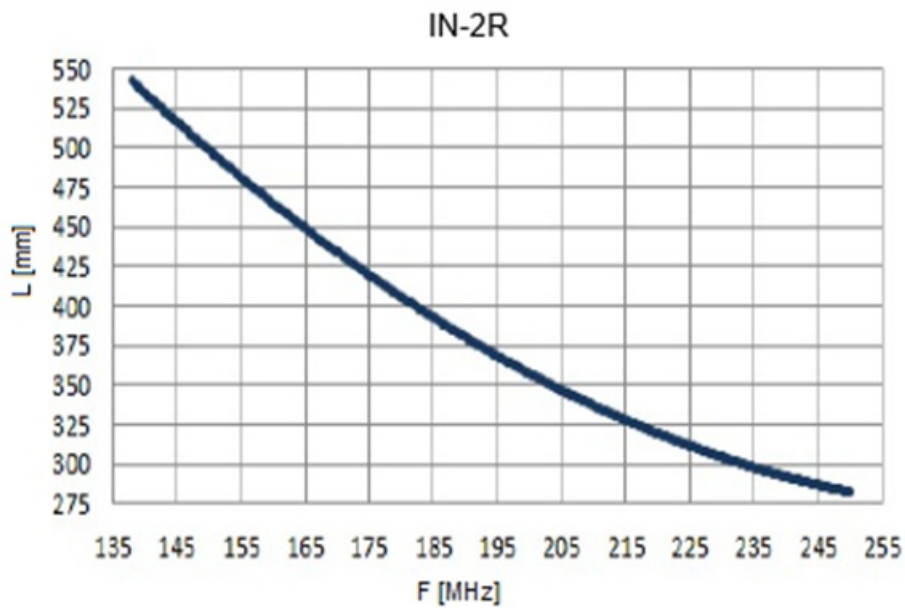
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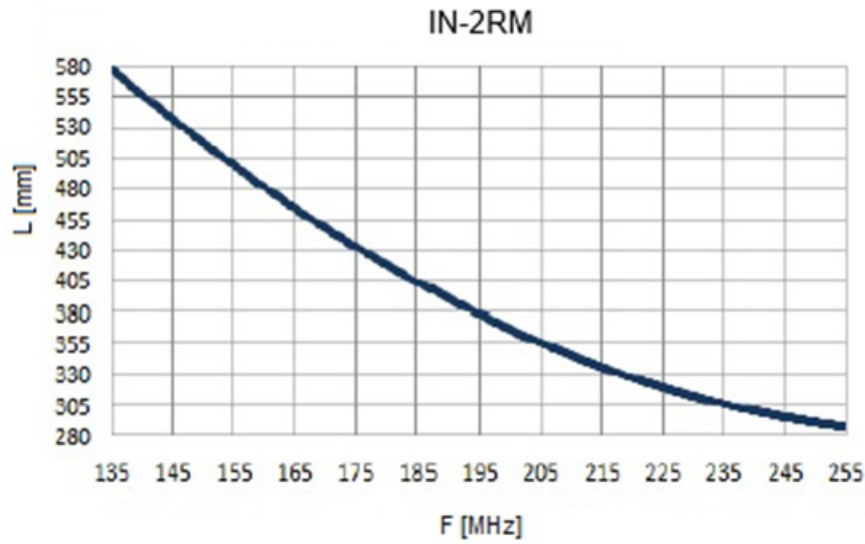
Measured on a Ø 500 mm ground plane



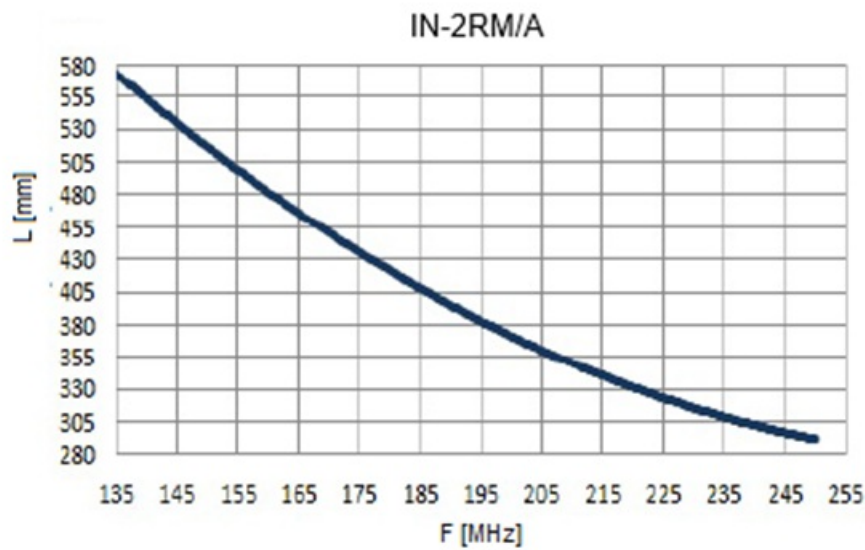
Measured on a Ø 500 mm ground plane



Measured on a Ø 500 mm ground plane



Measured on a  $\varnothing$  500 mm ground plane



Measured on a  $\varnothing$  500 mm ground plane