

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



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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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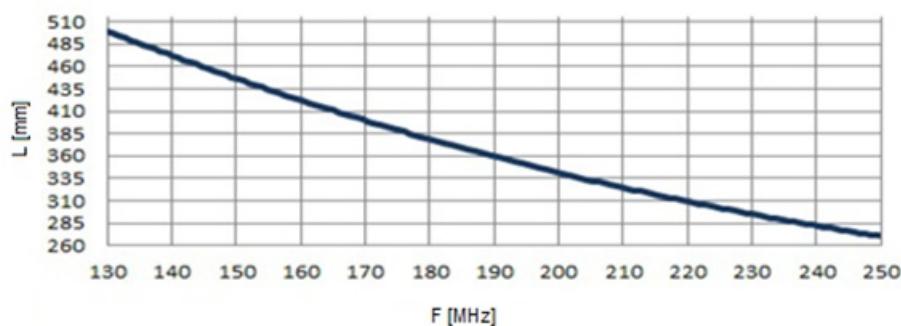


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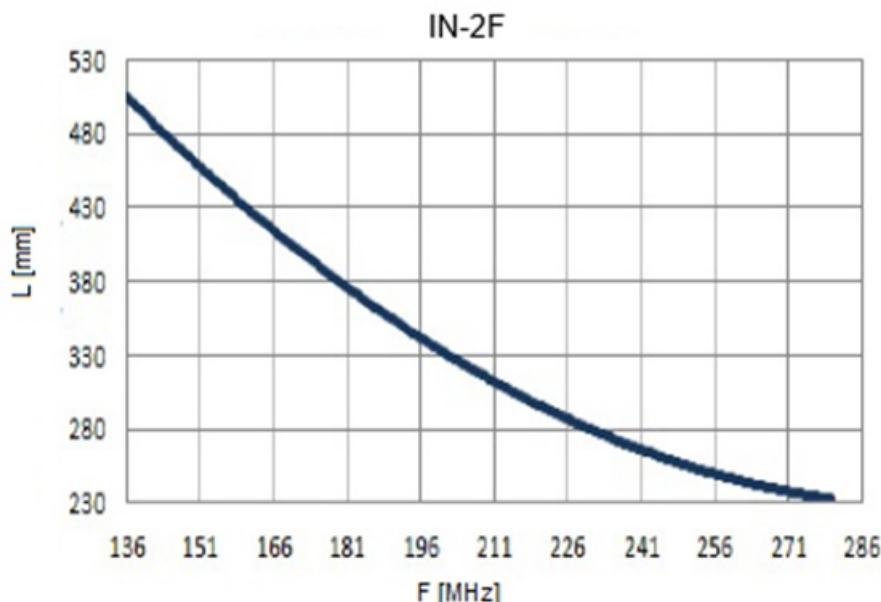
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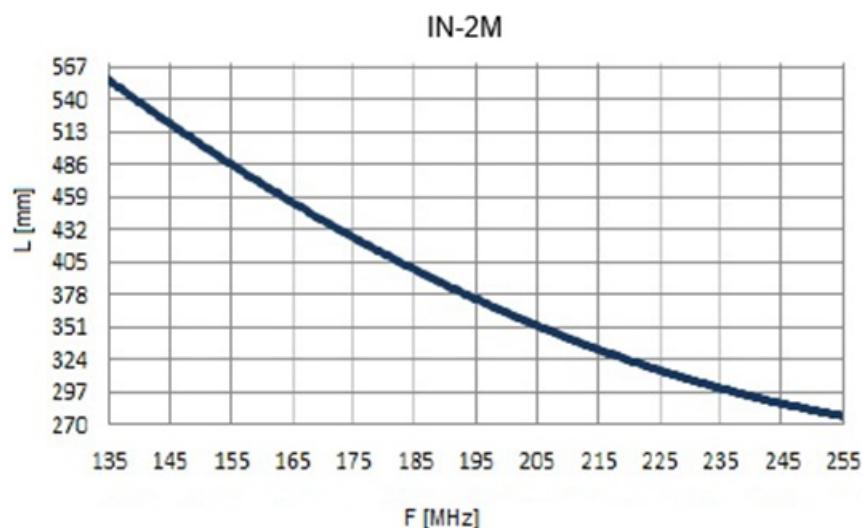
Measured on a Ø 500 mm ground plane

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Measured on a Ø 500 mm ground plane

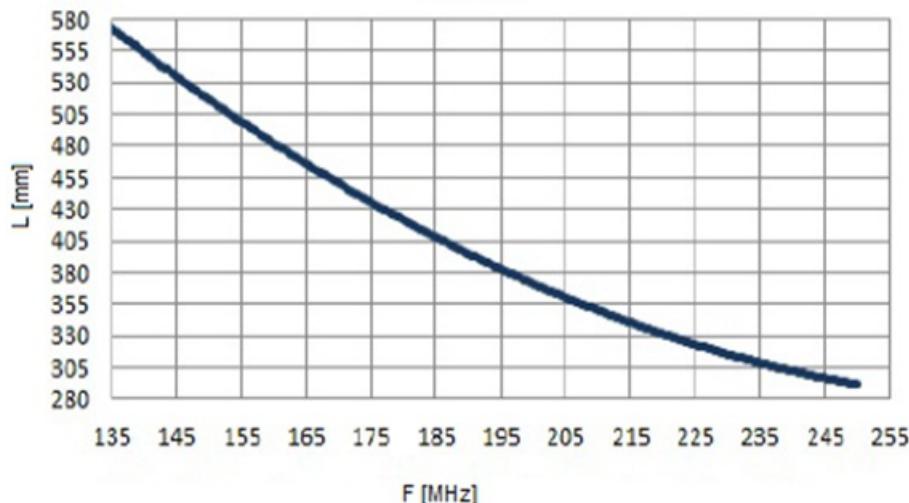


Measured on a Ø 500 mm ground plane

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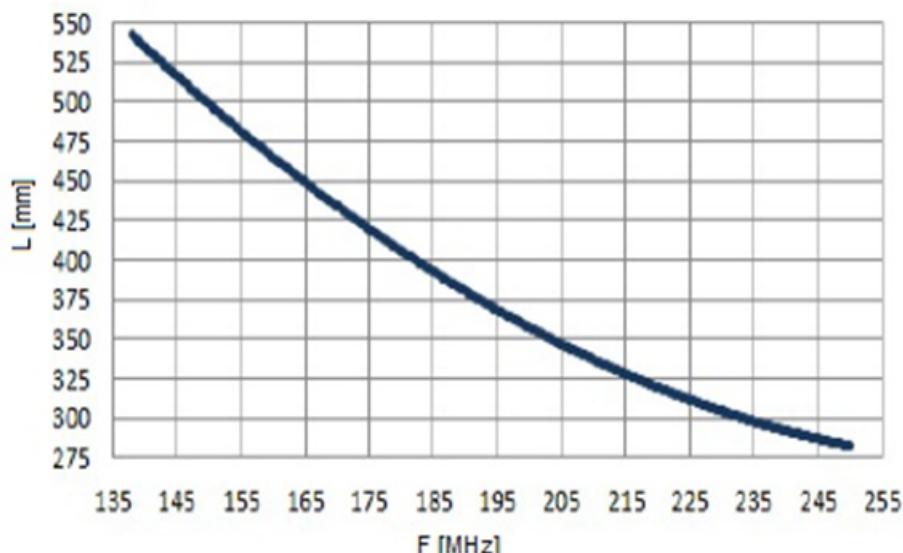
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IN-2M/A



Measured on a Ø 500 mm ground plane

IN-2R

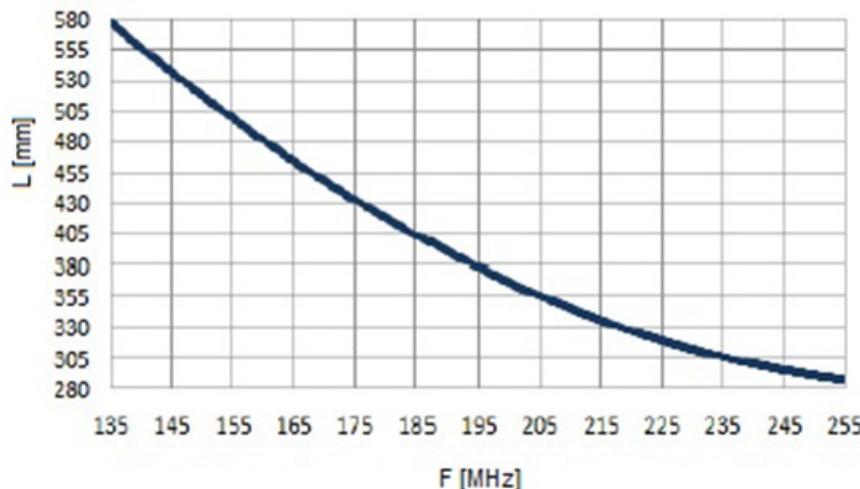


Measured on a Ø 500 mm ground plane

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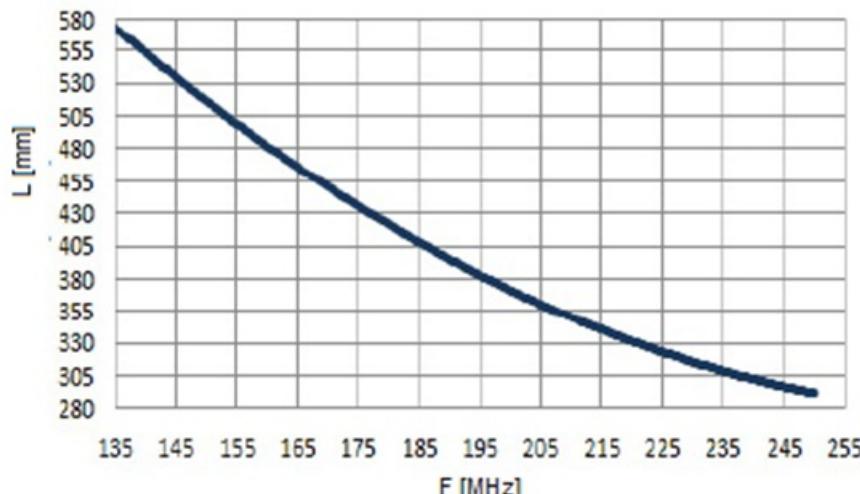
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IN-2RM



Measured on a Ø 500 mm ground plane

IN-2RM/A



Measured on a Ø 500 mm ground plane