## Datasheet

# 1 / 7

# 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 N/4 antenna whip
- WIN-2F  $\mathcal{N}$ 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

Туре	Whip antenna (N4)
Frequency	134 - 220 MHz
Bandwidth	$3\%$ of f.res (VSWR $\leq 1.5$ :1)
VSWR	≤ 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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## Scan-Antenna®

## Datasheet

### MECHANICAL SPECIFICATIONS

Color	Black
Length	Max. 570 mm
Weight	Max. 170 g
Mounting	On BA-IN base
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	N/4 Whip
WIN-2F	$\lambda\!\!/$ 4 Whip with black heat shrink
WIN-2M	$\mathcal{N}$ 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

Туре

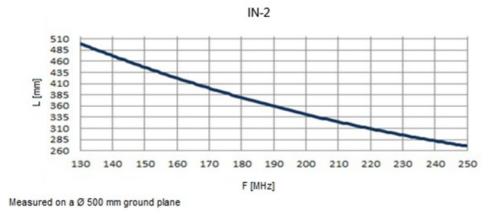
In Bag

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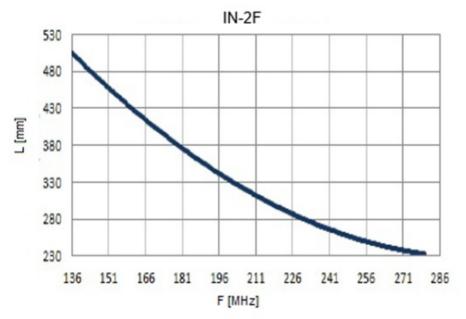


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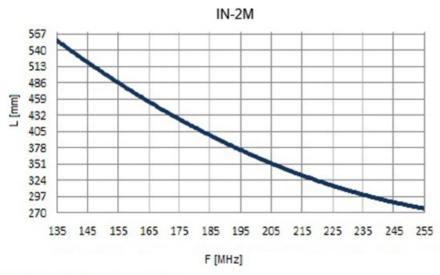
5/7

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## Datasheet



Measured on a Ø 500 mm ground plane



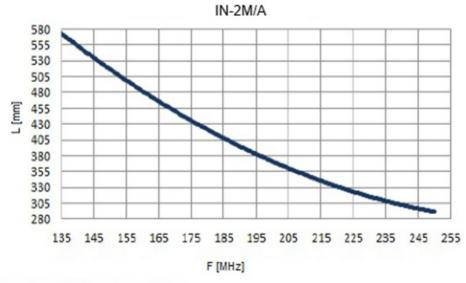
Measured on a Ø 500 mm ground plane

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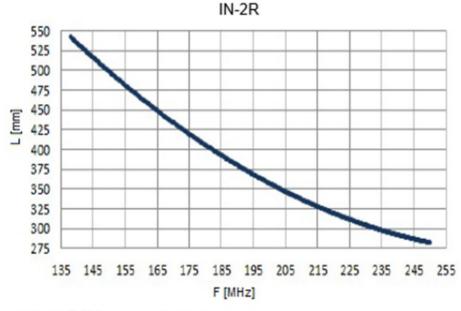
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## Datasheet



Measured on a Ø 500 mm ground plane

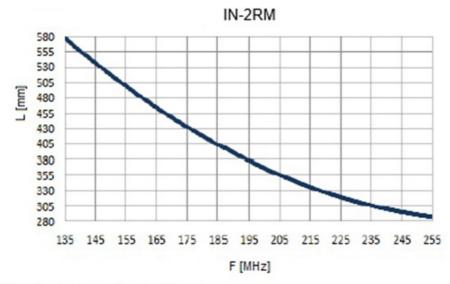


Measured on a Ø 500 mm ground plane

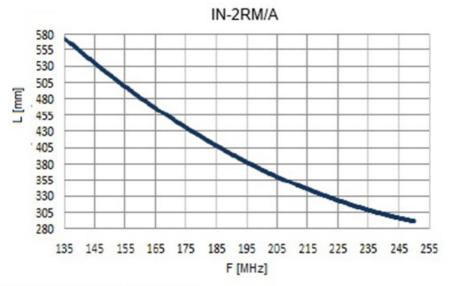
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