

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 |

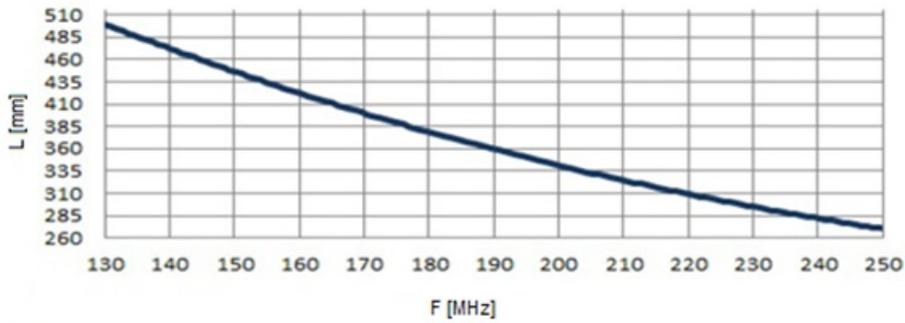
PACKAGING INFORMATION

| | |
|------|--------|
| Type | In Bag |
|------|--------|

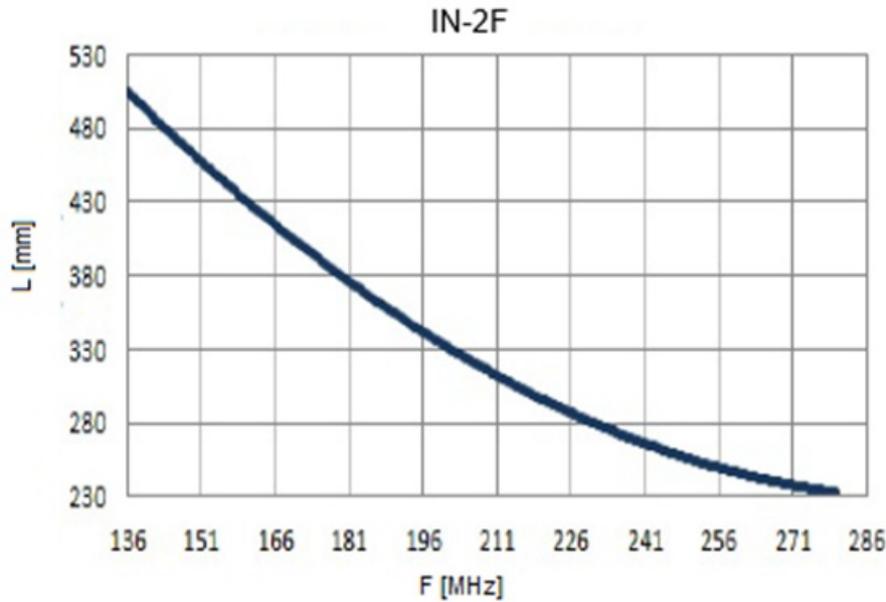




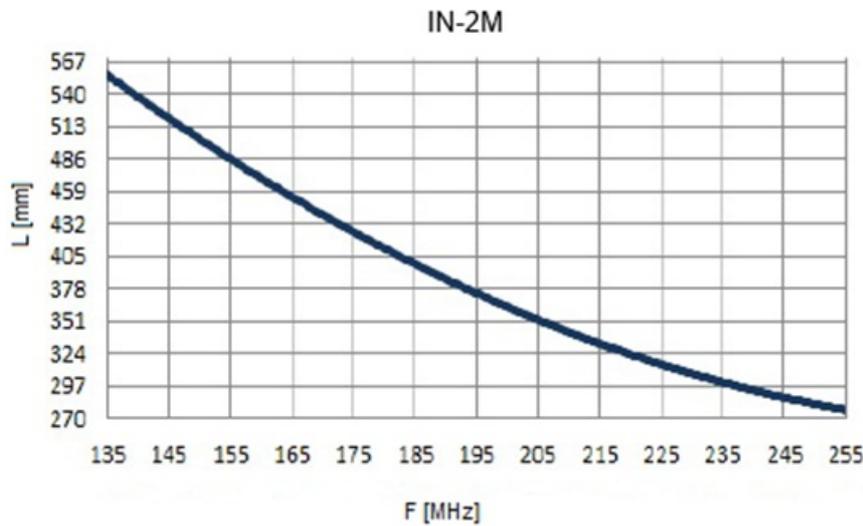
IN-2



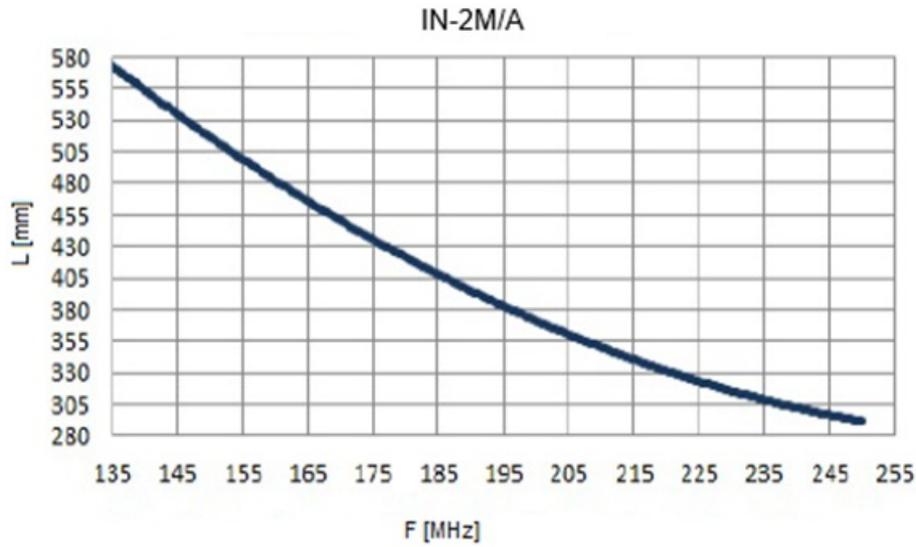
Measured on a Ø 500 mm ground plane



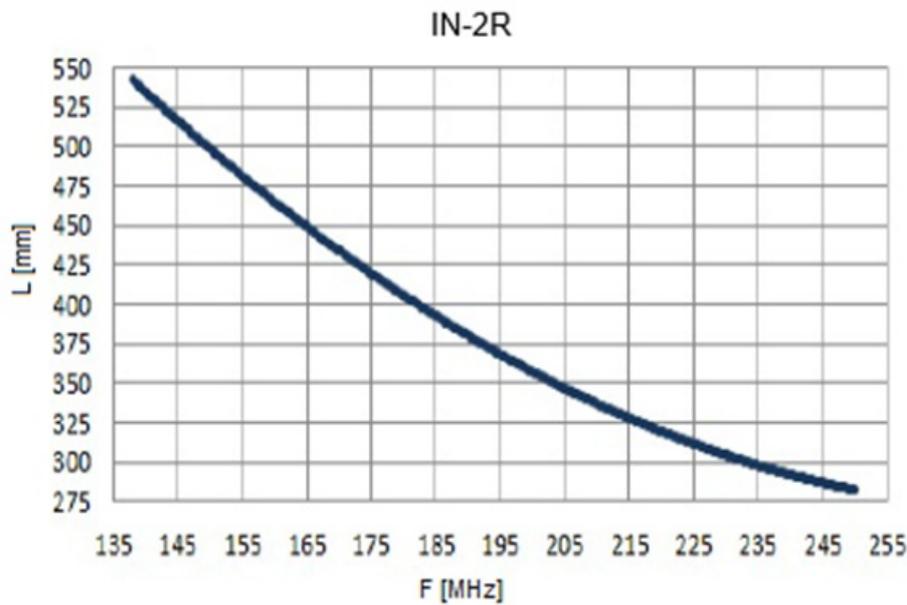
Measured on a \varnothing 500 mm ground plane



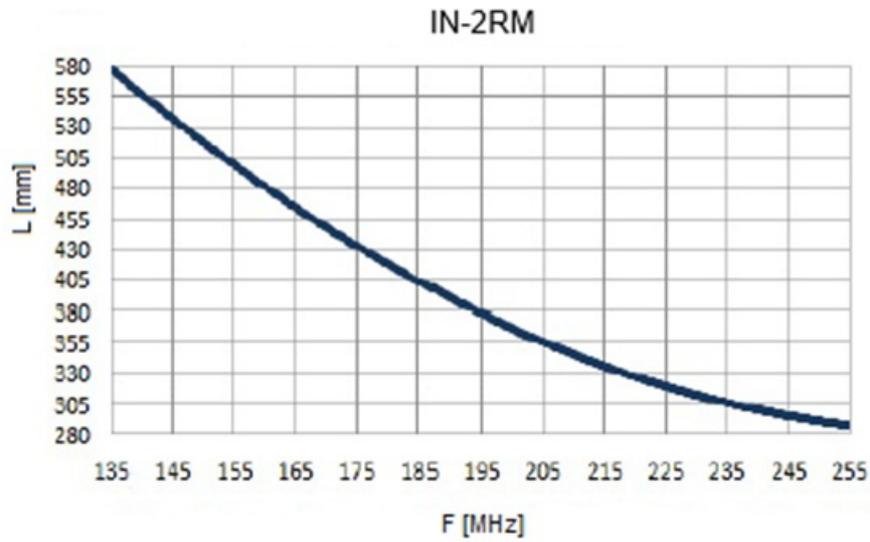
Measured on a \varnothing 500 mm ground plane



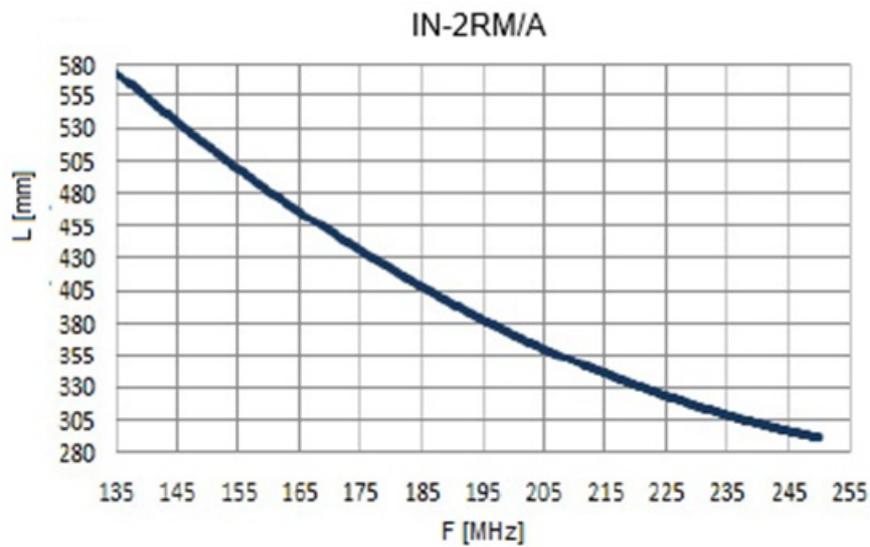
Measured on a \varnothing 500 mm ground plane



Measured on a \varnothing 500 mm ground plane



Measured on a \varnothing 500 mm ground plane



Measured on a \varnothing 500 mm ground plane