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WIN-4 Series

VHF (66 - 134 MHz) Mobile Whip

The WIN-4 series offers several whip to be used for the VHF band, specifically 66 - 134 MHz.

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

- WIN-4 \(\mathcal{N} \)4 antenna whip
- WIN-4M \(\frac{1}{2} \) 4 antenna whip with a conical spring
- WIN-4R \(\sqrt{4} \) antenna whip with adjustable tilt
- ullet WIN-4RM λ /4 antenna whip with adjustable tilt and conical spring

ELECTRICAL SPECIFICATIONS

Type	Whip antenna ($N4$)
Frequency	66 - 134 MHz
Bandwidth	3% of f.res (VSWR ≤ 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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MECHANICAL SPECIFICATIONS

Color	Black
Length	WIN-4: 1320 mm WIN-4M/R: 1380 mm WIN-4RM: 1440 mm
Weight	Approx. 115 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

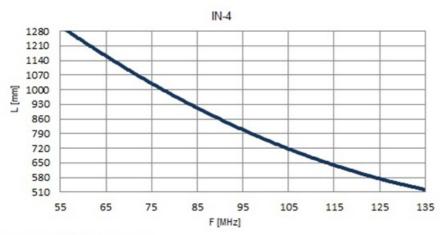
ORDERING INFORMATION

WIN-4	N/4 Whip
WIN-4M	\mathcal{N} 4 whip with a conical spring
WIN-4R	\mathcal{N} 4 whip with adjustable tilt
WIN-4RM	${\it N}$ 4 whip with adjustable tilt and conical spring

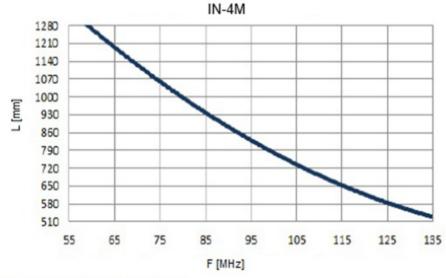
PACKAGING INFORMATION

Type In Bag

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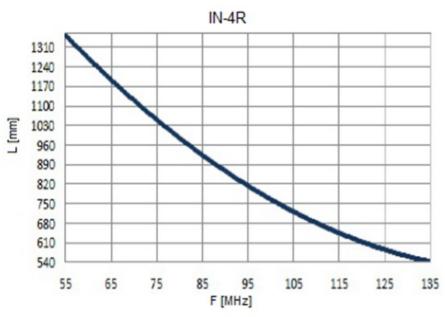


Measured on a Ø 500 mm ground plane

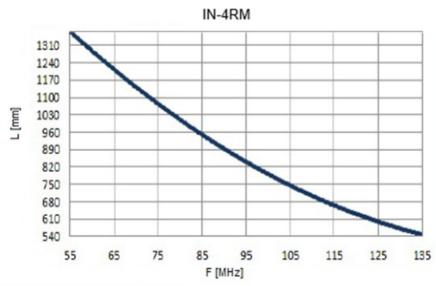


Measured on a Ø 500 mm ground plane

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Measured on a Ø 500 mm ground plane



Measured on a Ø 500 mm ground plane