

WIN-70 Series

UHF (375 - 512 MHz) 0 dBd Mobile Whip Antenna

The WIN-70 series offers two whip antennas for the UHF band, specifically 375 - 512 MHz.

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

- WIN-70 - $\lambda/4$ whip
- WIN-70R - $\lambda/4$ whip with a adjustable tilt

ELECTRICAL SPECIFICATIONS

Type	Whip antenna ($\lambda/4$)
Frequency	375 - 512 MHz
Bandwidth	5% off.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



MECHANICAL SPECIFICATIONS

Color	Black chrome
Length	WIN-70: 175 mm WIN-70R: 200 mm
Weight	WIN-70: 25g WIN-70R: 55g
Mounting	On BA-IN base - 10 mm
Mounting Place	Vehicle roof (Metalic surface)
Mounting Instructions	Antenna Whip must be cut to specified frequency. See cutting diagram.
Materials	Chromed brass and stainless steel
Operating Temperature	-40 to +70°C
Connector	M10 Thread



Datasheet

2 / 4

ORDERING INFORMATION

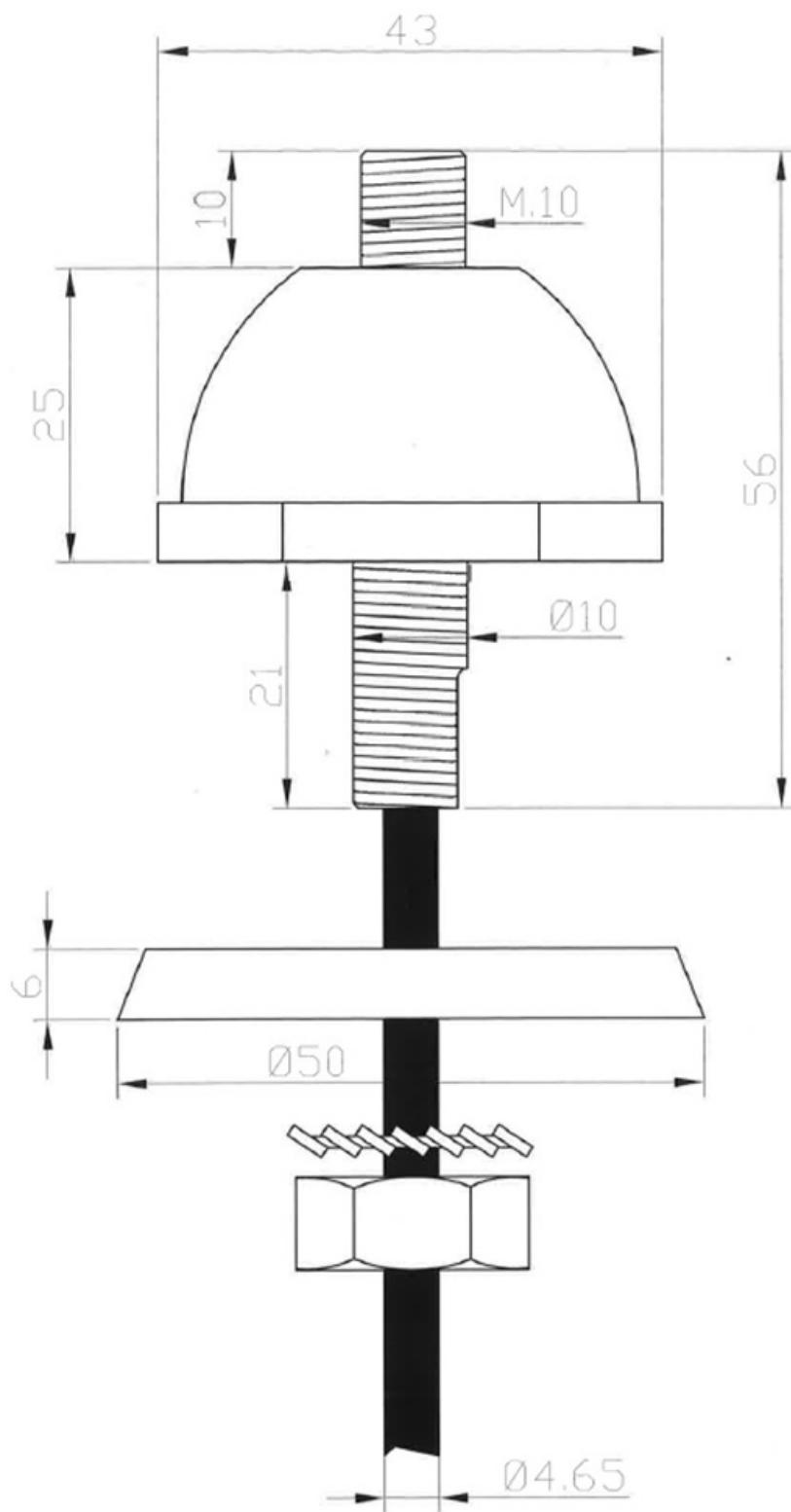
WIN-70	λ/4 Whip
WIN-70R	λ/4 whip with a adjustable tilt

PACKAGING INFORMATION

Type	Bag
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Datasheet

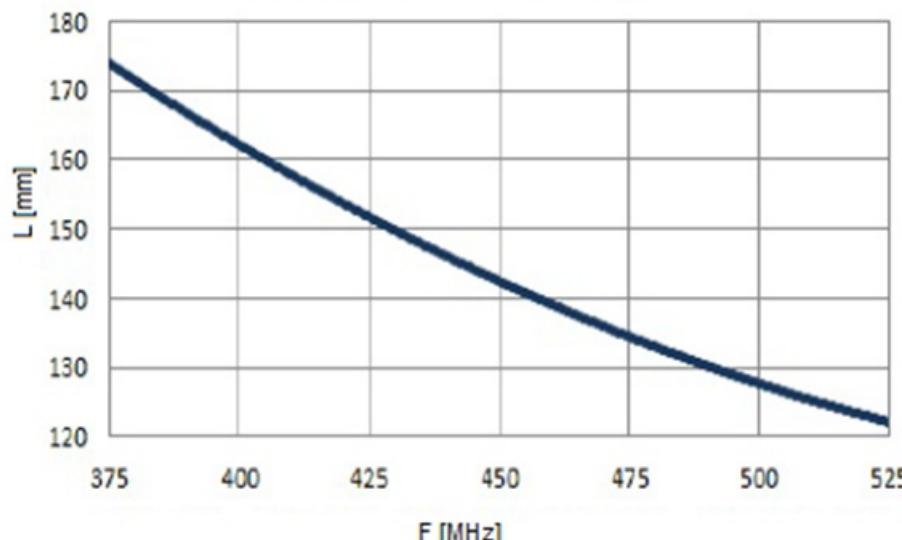
3 / 4



Datasheet

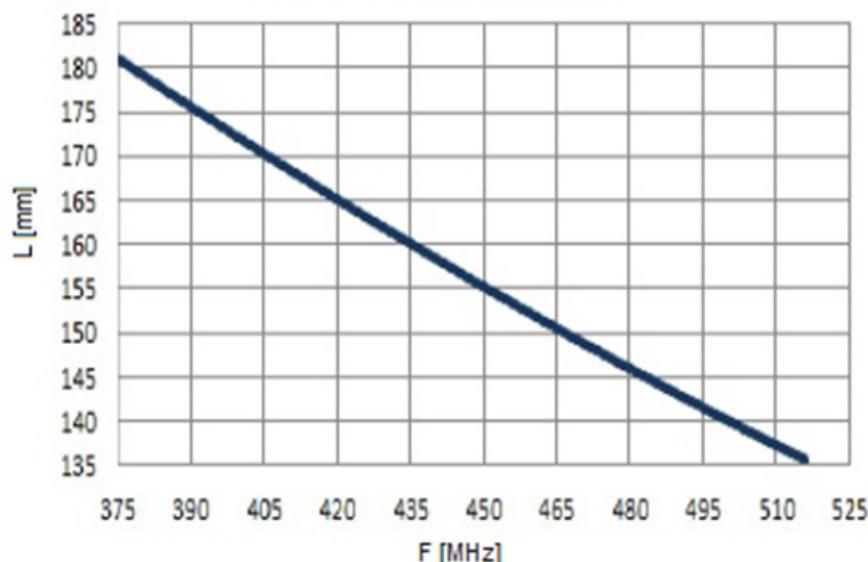
4 / 4

IN-70



Measured on a Ø 500 mm ground plane

IN-70R



Measured on a Ø 500 mm ground plane