

WIN-70G Series

UHF (375 - 512 MHz) 3 dBd Mobile Whip Antenna

The WIN-70G series offers several high gain 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-70G - 5λ/8 whip
- WIN-70GM - 5λ/8 whip with a conical spring
- WIN-70GR - 5λ/8 whip with adjustable tilt
- WIN-70GRM - 5λ/8 whip with adjustable tilt and conical spring

ELECTRICAL SPECIFICATIONS

Type	Whip antenna (5λ/8)
Frequency	375 - 512 MHz
Bandwidth	3% of f.res (VSWR ≤ 1.5:1) (TBC)
VSWR	≤ 1.3:1 @ f.res
Impedance	50 Ohm
Polarisation	Vertical
Gain	3 dBd, 5.15 dBi
Max. Input Power	50 W

Datasheet

2 / 5

MECHANICAL SPECIFICATIONS

Color	Black chrome
Length	WIN-70G: 620 mm WIN-70GM: 670 mm WIN-70GR: 650 mm WIN-70GRM: 710 mm
Weight	Max. 140 g
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

ORDERING INFORMATION

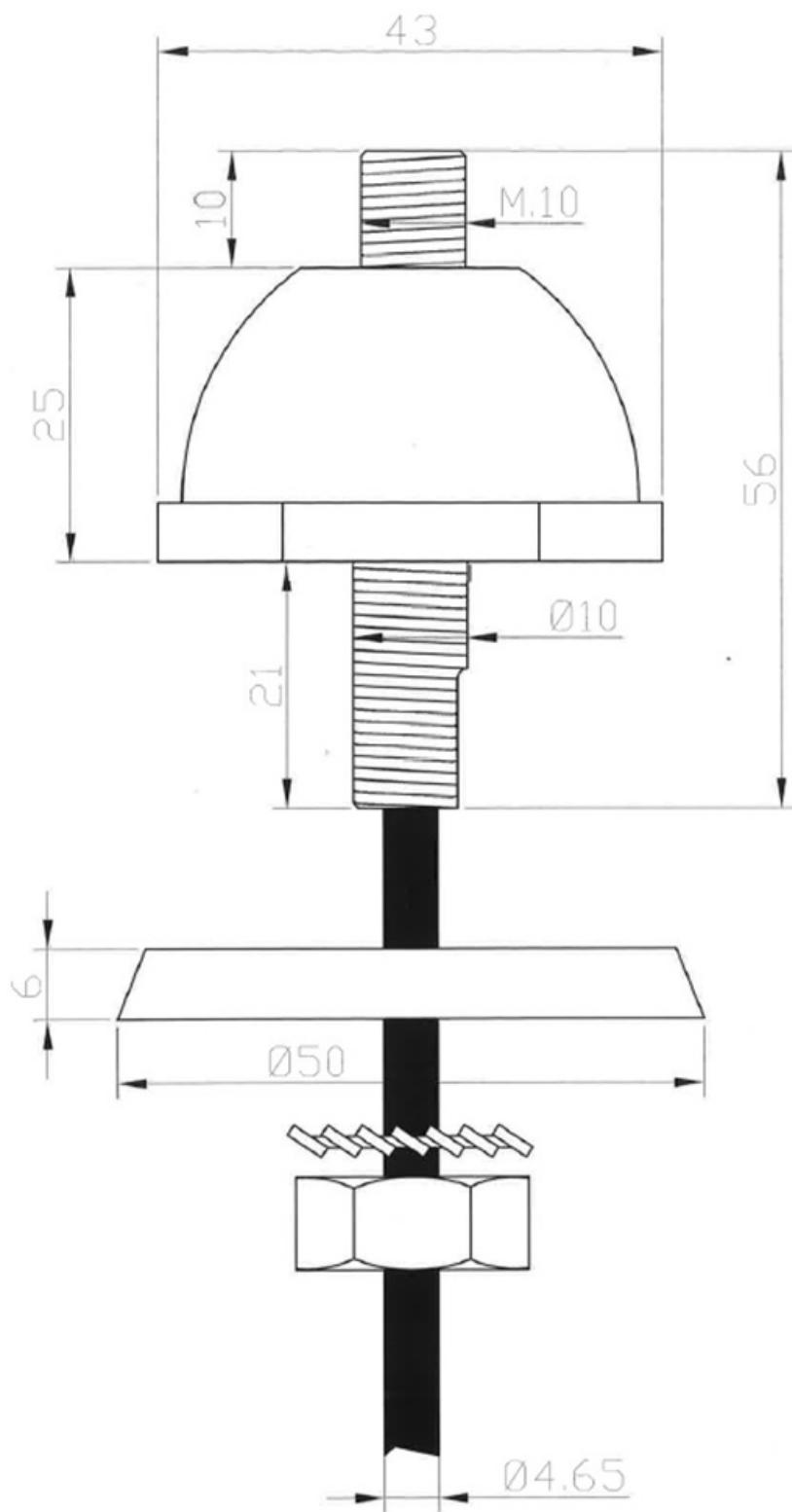
WIN-70G	5λ/8 whip
WIN-70GM	5λ/8 whip with conical spring
WIN-70GR	5λ/8 whip with adjustable tilt
WIN-70GRM	5λ/8 whip with adjustable tilt and conical spring

PACKAGING INFORMATION

Type	Bag
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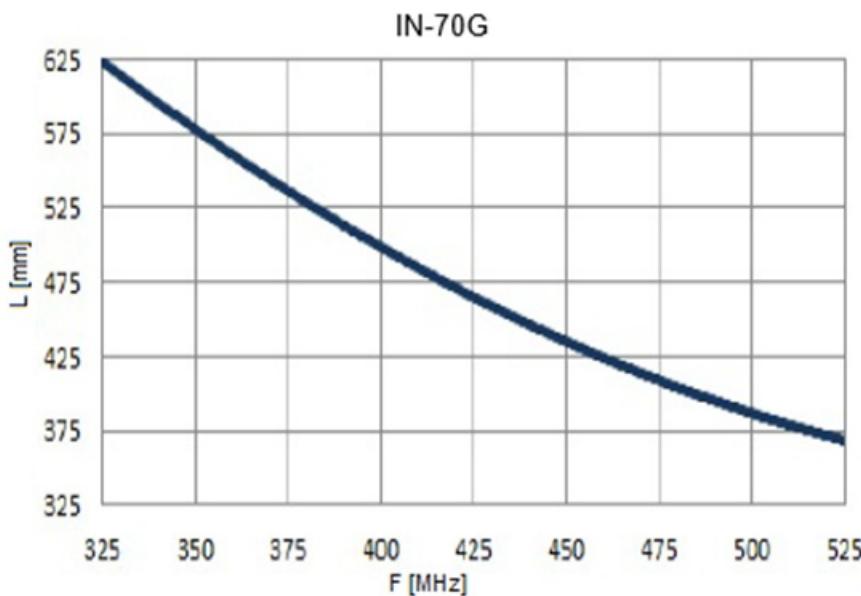
Datasheet

3 / 5

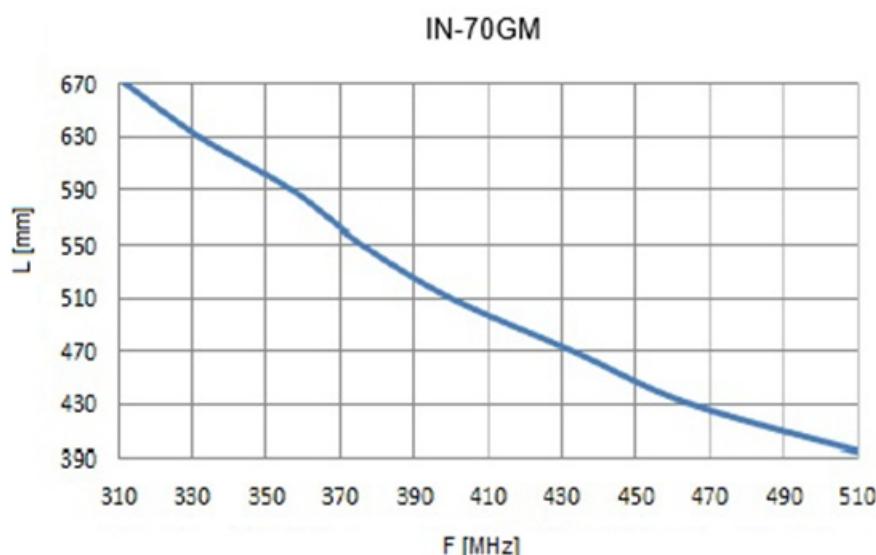


Datasheet

4 / 5



Measured on a Ø 500 mm ground plane

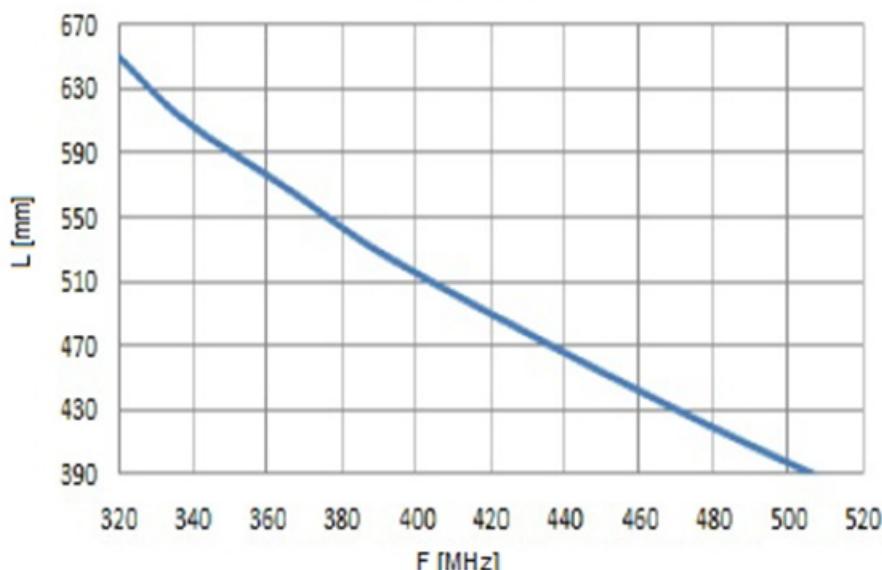


Measured on a Ø 500 mm ground plane

Datasheet

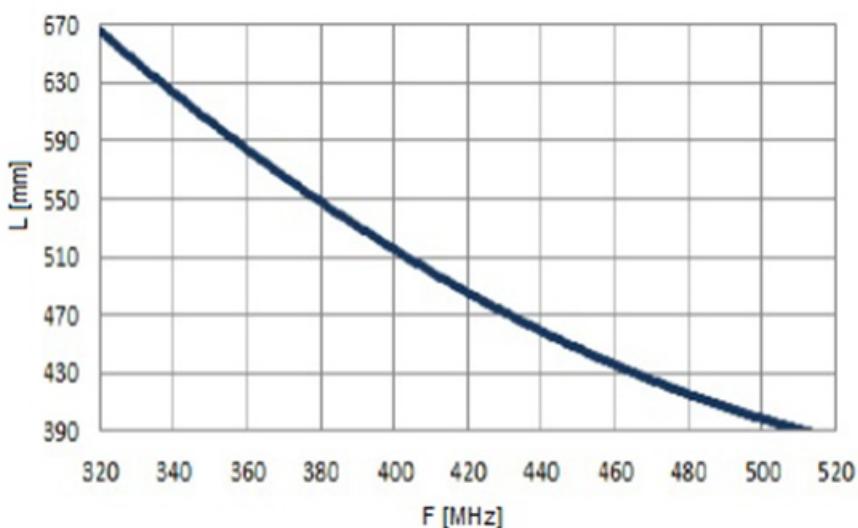
5 / 5

IN-70GR



Measured on a Ø 500 mm ground plane

IN-70GRM



Measured on a Ø 500 mm ground plane