IN-70G Series

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

The IN-70G series offers several high gain whip and base combinations to be used for the UHF band, specifically 375 - 512 MHz.

With a meticulously constructed base made of ABS and black chromed brass, it is durable and strong.

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

- IN-70G - Base and 5ג/8 whip
- IN-70GM - Base and 5ג/8 whip with a conical spring
- IN-70GR - Base and 5ג/8 whip with adjustable tilt
- IN-70GRM - Base and 5ג/8 whip with adjustable tilt and conical spring

ELECTRICAL SPECIFICATIONS

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

Scan—Antenna®

MECHANICAL SPECIFICATIONS

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Color	Black chrome
Length	IN-70G: 68 cm IN-70GM: 73 cm IN-70GR: 73 cm IN-70GRM: 73 cm
Weight	300 g
Mounting Place	Vehicle roof (Metalic surface)
Mounting Hole	Ø 11.0 mm
Mounting Instructions	Antenna Whip must be cut to specified frequency. See cutting diagram.
Build-in Depth	Approx. 12 mm
Materials	ABS, chromed brass, chromed stainless steel and rubber
Operating Temperature	-40 to +70°C
Connector	Antenna Whip: M10 Base: See "ORDERING INFO" (other types available)
Cable	See "ORDERING INFO"
Ingress Protection	IP65 (When mounted)

ORDERING INFORMATION

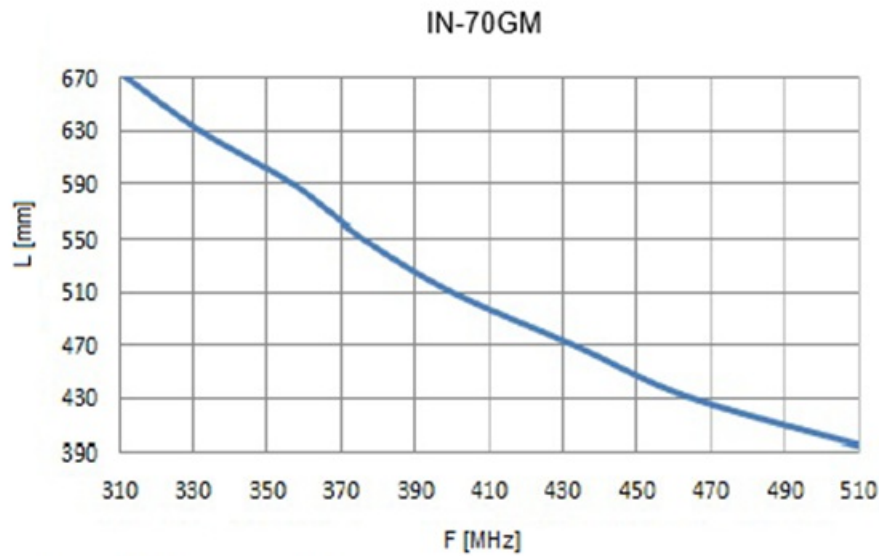|	
IN-70G	WIN-70G + BA-IN (5.0 m RG-58 + Open End)
IN-70GM	WIN-70GM + BA-IN (5.0 m RG-58 + Open End)
IN-70GR	WIN-70GR + BA-IN (5.0 m RG-58 + Open End)
IN-70GRM	WIN-70GRM + BA-IN (5.0 m RG-58 + Open End)

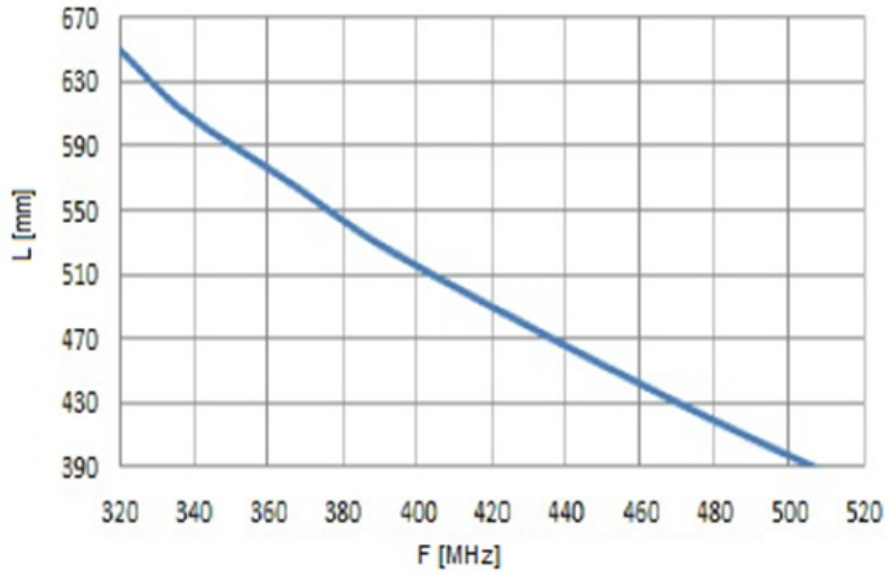## PACKAGING INFORMATION

Type	Bag

43

10

M.10

25

56

21

Ø10

6

Ø50

Ø4.65
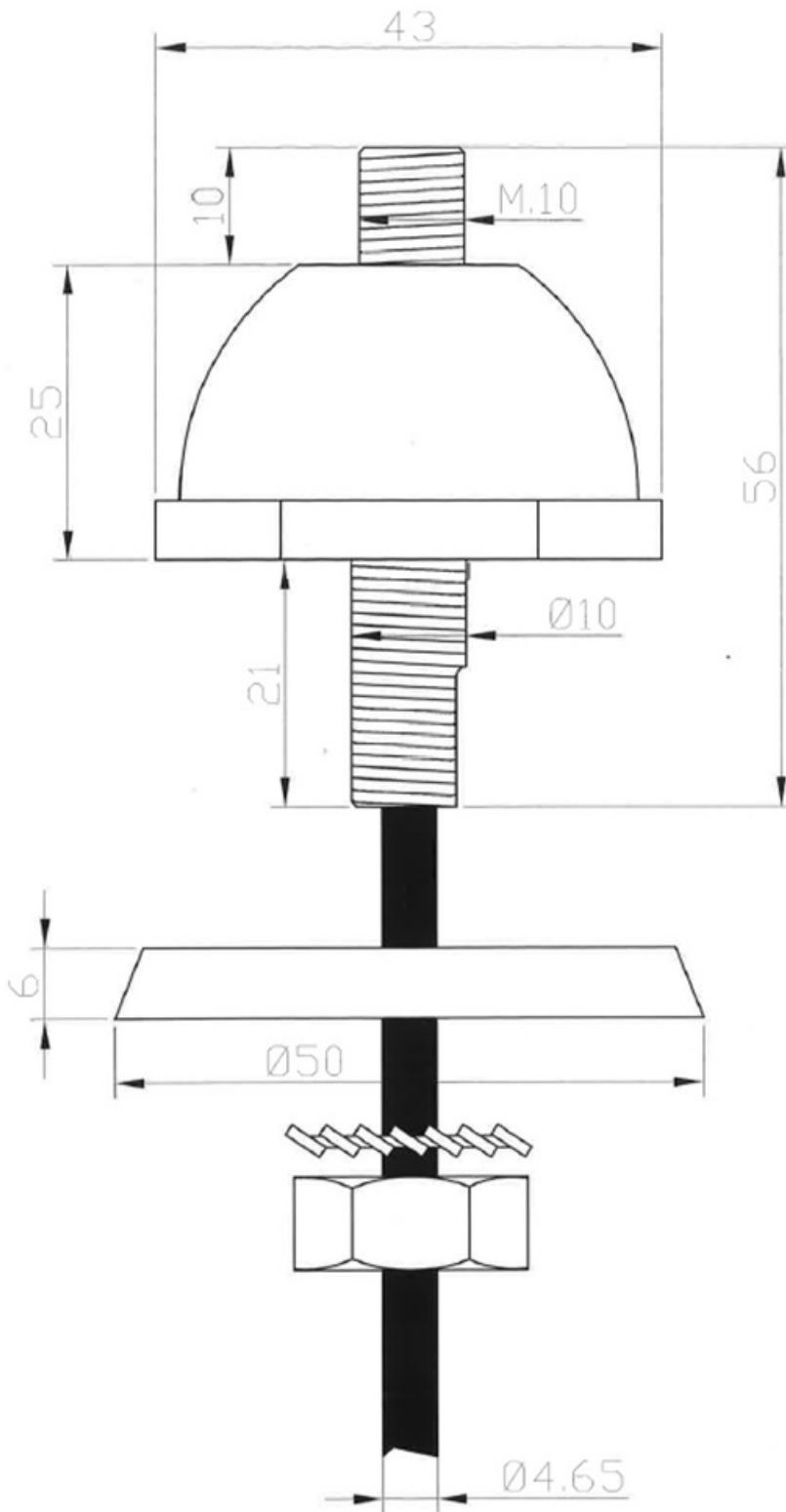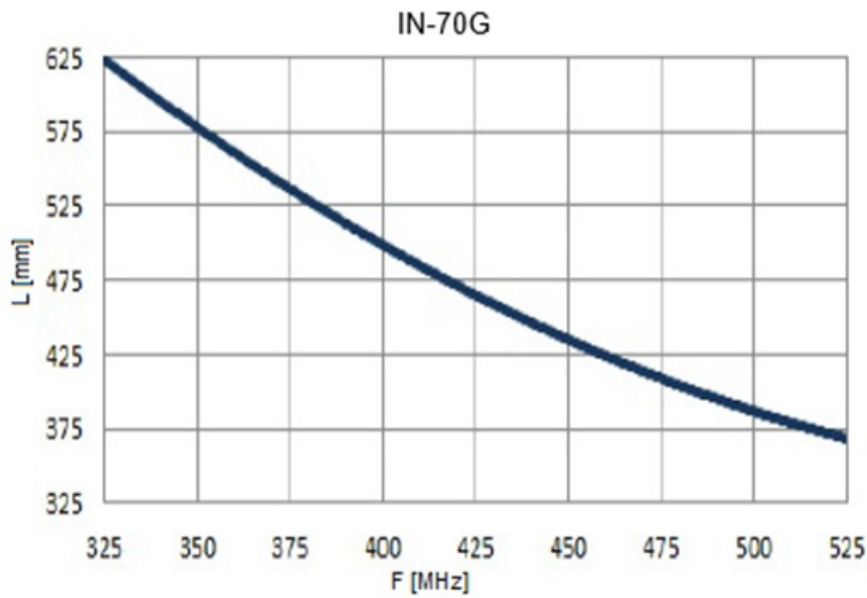
IN-70G

Measured on a Ø 500 mm ground plane
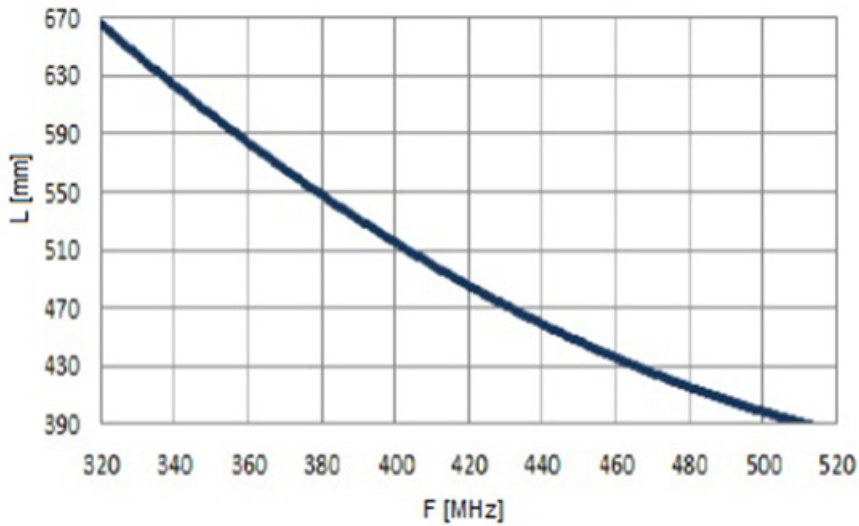
IN-70GM

Measured on a Ø 500 mm ground plane

IN-70GR

Measured on a Ø 500 mm ground plane

IN-70GRM

Measured on a Ø 500 mm ground plane