

IN-70 Series

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

The IN-70 series offers two 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-70 - Base and $\lambda/4$ whip
- IN-70R - Base and $\lambda/4$ whip with a adjustable tilt

ELECTRICAL SPECIFICATIONS

Type	Whip antenna ($\lambda/4$) and Base Kit
Frequency	375 - 512 MHz
Bandwidth	5% 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

MECHANICAL SPECIFICATIONS

Color	Black chrome
Length	IN-70: 230 mm IN-70R: 180 mm
Weight	Approx. 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

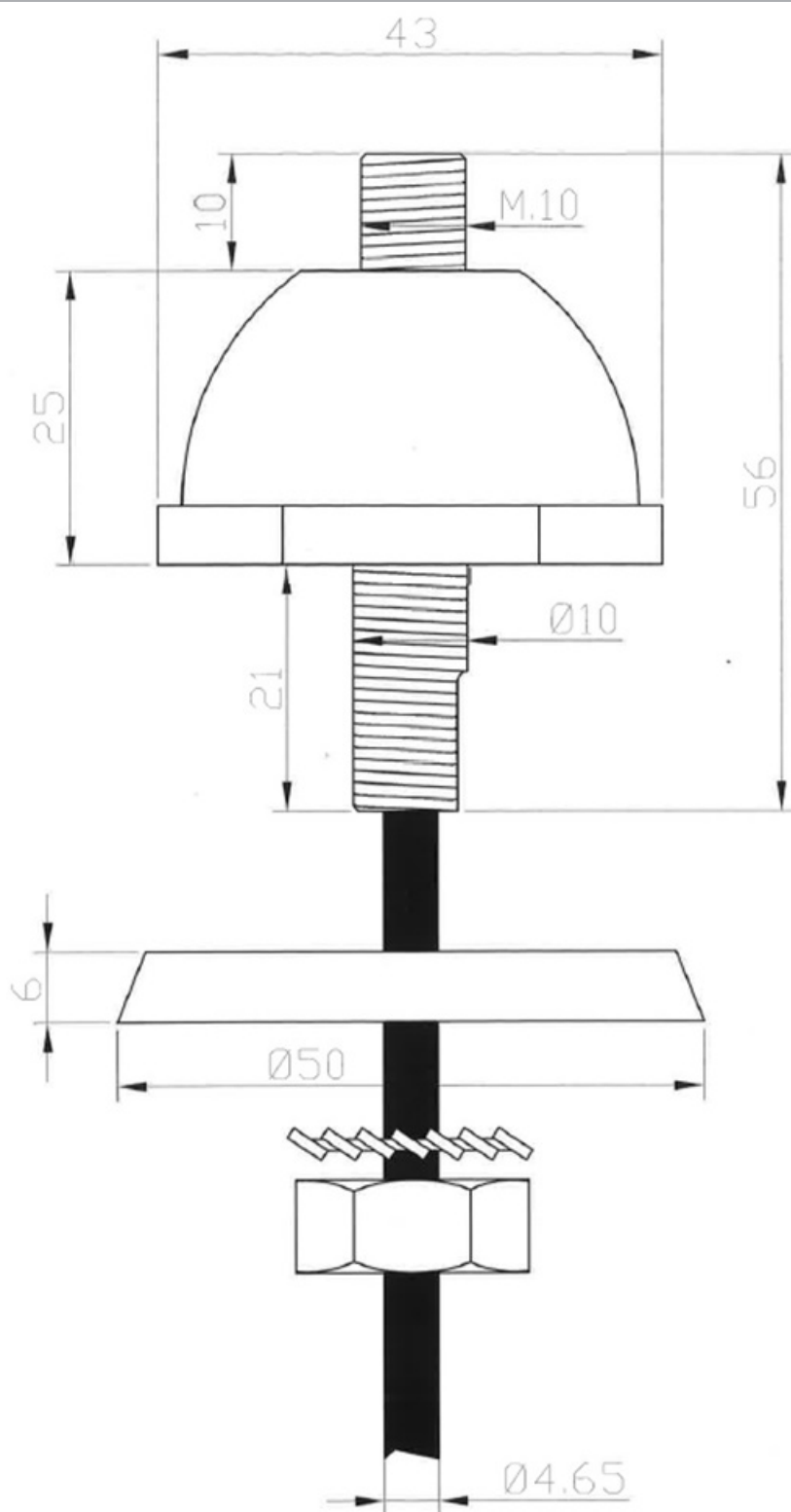
IN-70	WIN-70 + BA-IN (5.0 m RG-58 + Open End)
IN-70R	WIN-70R + BA-IN (5.0 m RG-58 + Open End)

PACKAGING INFORMATION

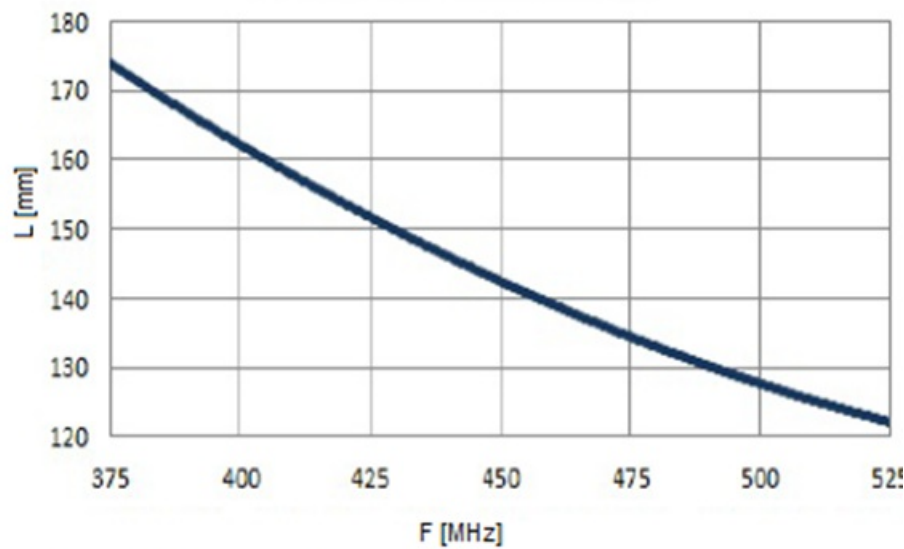
Type	Bag
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Datasheet

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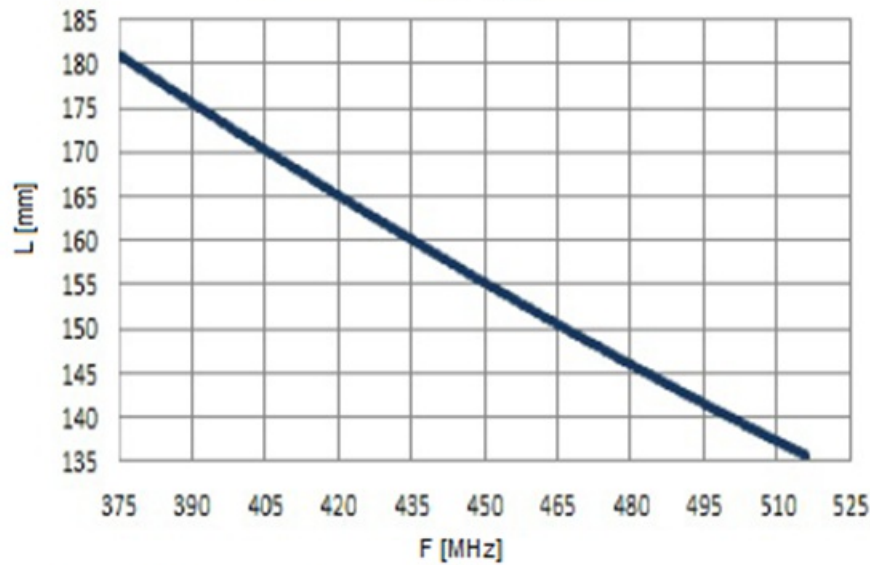


IN-70



Measured on a Ø 500 mm ground plane

IN-70R



Measured on a Ø 500 mm ground plane