

# IN-2G Series

## VHF (134 - 220 MHz) 3 dBd Mobile Whip Antenna and Base Kit

The IN-2G series offers two high gain whip and base combinations to be used for the VHF band, specifically 134 - 220 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-2G - Base and 5λ/8 whip
- IN-2GR - Base and 5λ/8 whip with adjustable tilt

### ELECTRICAL SPECIFICATIONS

Type	Whip antenna (5λ/8) and Base Kit
Frequency	134 - 220 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



IN-2G

Datasheet

MECHANICAL SPECIFICATIONS

Color	Black chrome
Length	IN-2G: 159 cm IN-2GR: 154 cm
Weight	380 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

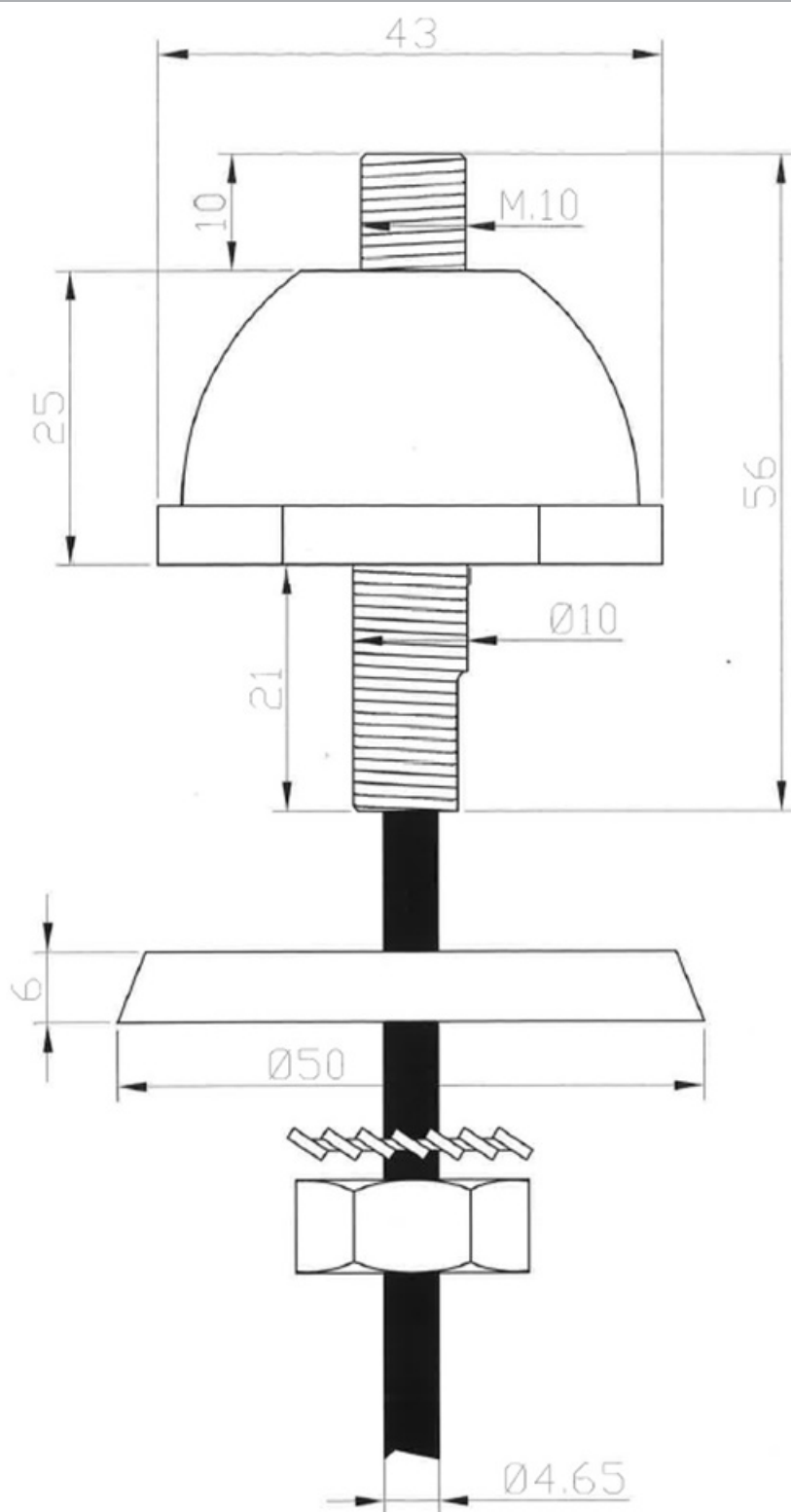
IN-2G	WIN-2G + BA-IN (5.0 m RG-58 + Open End)
IN-2GR	WIN-2GR + BA-IN (5.0 m RG-58 + Open End)

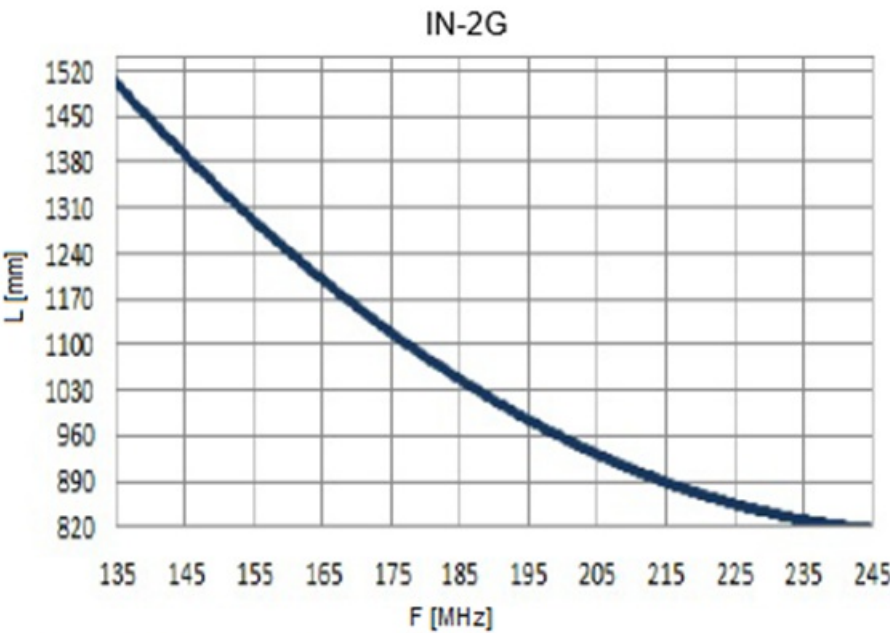
PACKAGING INFORMATION

Type	Bag
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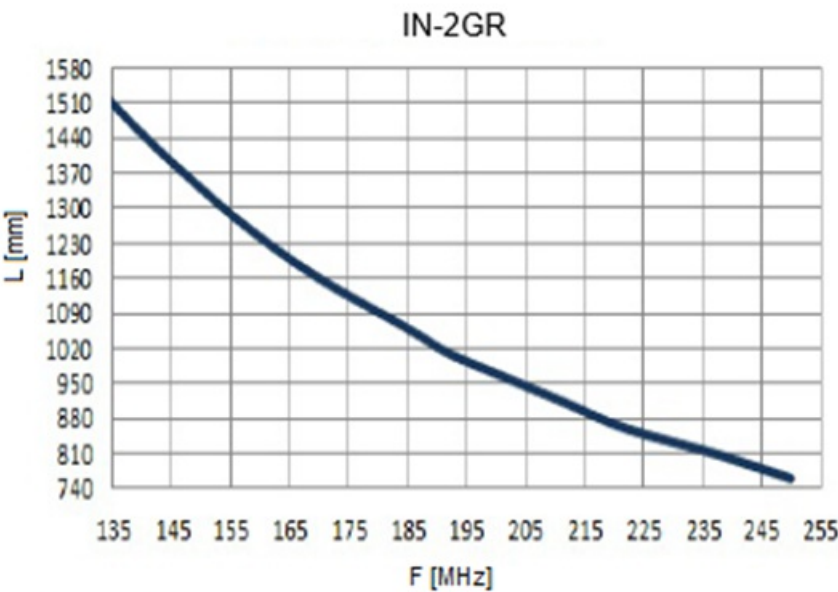
## Datasheet

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Measured on a Ø 500 mm ground plane



Measured on a Ø 500 mm ground plane