

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 5/8 whip
- IN-2GR - Base and 5/8 whip with adjustable tilt

ELECTRICAL SPECIFICATIONS

| | |
|------------------|---------------------------------|
| Type | Whip antenna (5/8) and Base Kit |
| Frequency | 134 - 220 MHz |
| Bandwidth | 3% of f.res (VSWR \leq 1.5:1) |
| VSWR | \leq 1.3:1 @ f.res |
| Impedance | 50 Ohm |
| Polarisation | Vertical |
| Gain | 3 dBd, 5.15 dBi |
| Max. Input Power | 50 W |



Datasheet

2 / 4

MECHANICAL SPECIFICATIONS

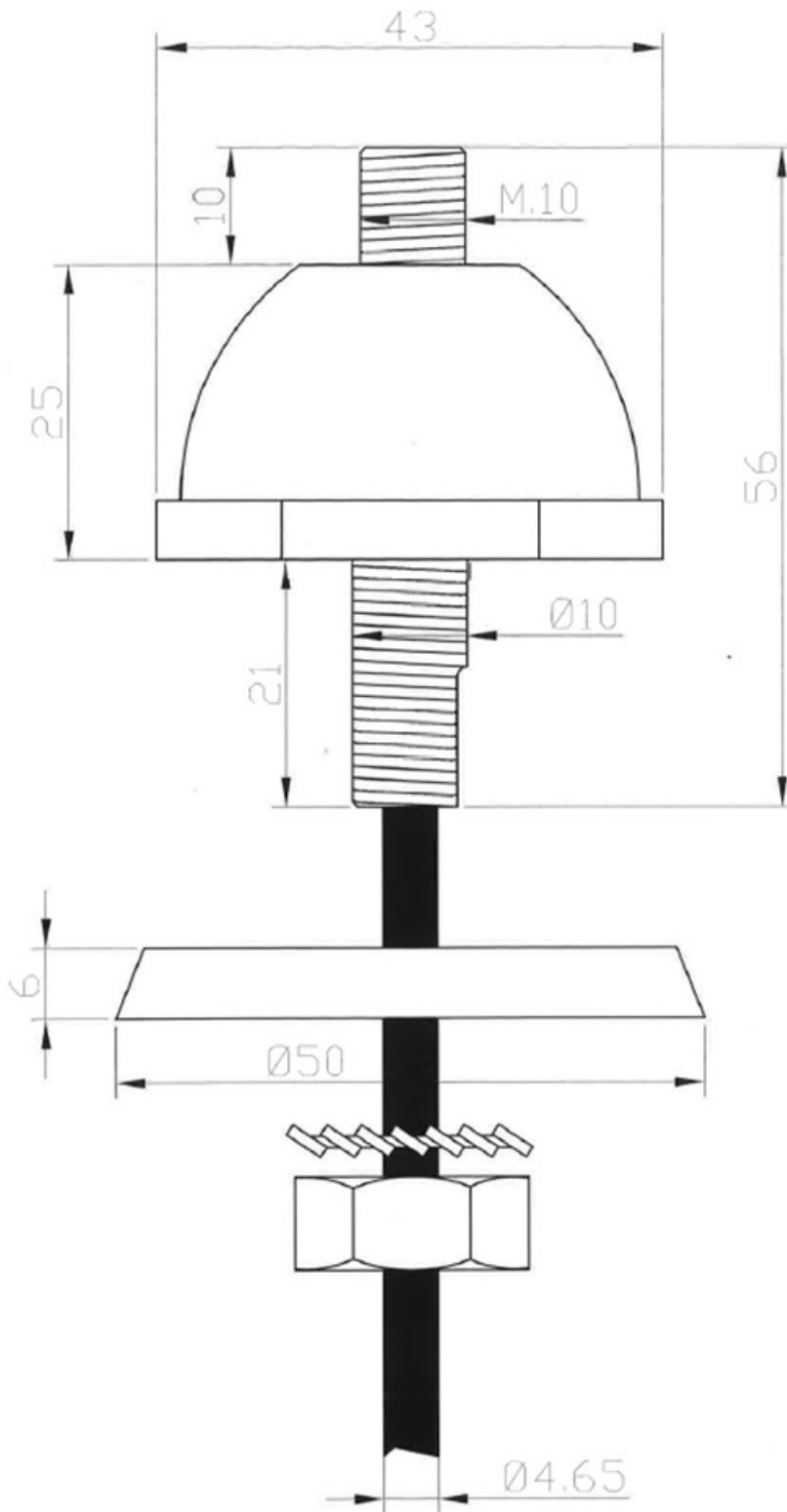
| | |
|-----------------------|--|
| Color | Black chrome |
| Length | IN-2G: 159 cm IN-2GR: 154 cm |
| Weight | 380 g |
| Mounting Place | Vehicle roof (Metalic surface) |
| Mounting Hole | Ø 11.0 mm |
| Mounting Instructions | Antenna Whip must be cut to specified frequency. See cutting diagram. |
| 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

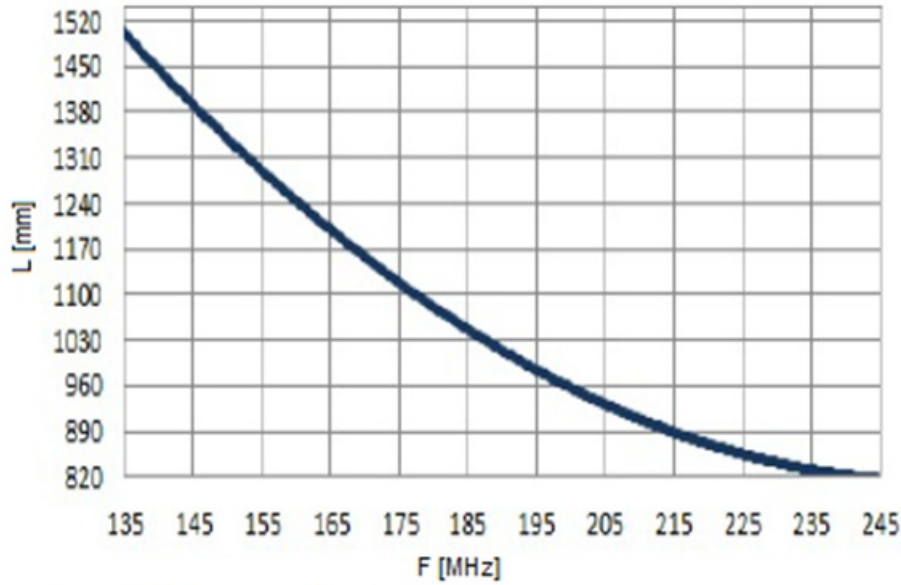
| | |
|--------|--|
| IN-2G | WIN-2G + BA-IN (5.0 m RG-58 + Open End) |
| IN-2GR | WIN-2GR + BA-IN (5.0 m RG-58 + Open End) |

PACKAGING INFORMATION

| | |
|------|-----|
| Type | Bag |
|------|-----|

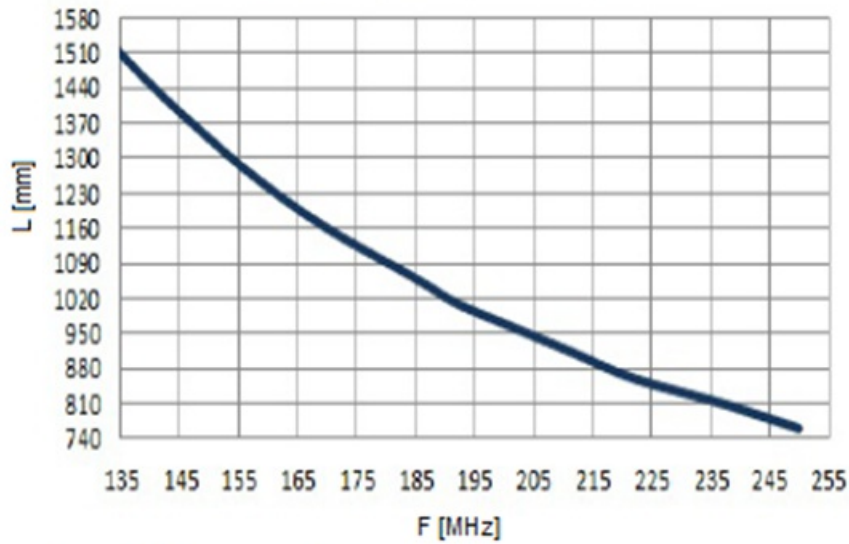


IN-2G



Measured on a Ø 500 mm ground plane

IN-2GR



Measured on a Ø 500 mm ground plane