Datasheet

1 / 5

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 51/8 whip
- WIN-70GM 51/8 whip with a conical spring
- WIN-70GR 51/8 whip with adjustable tilt
- WIN-70GRM 5 \screwt 8 whip with adjustable tilt and conical spring

ELECTRICAL SPECIFICATIONS

Туре	Whip antenna (5 // 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

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

Datasheet

2/5

MECHANICAL SPECIFICATIONS

Color	Black chrome
Length	WIN-70G: 620mm WIN-70GM: 670mm WIN-70GR: 650mm WIN-70GRM: 710mm
Weight	Max. 140 g
Mounting	On BA-IN base
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	5√8 whip
WIN-70GM	5√8 whip with conical spring
WIN-70GR	5√8 whip with adjustable tilt
WIN-70GRM	5V/8 whip with adjustable tilt and conical spring

PACKAGING INFORMATION

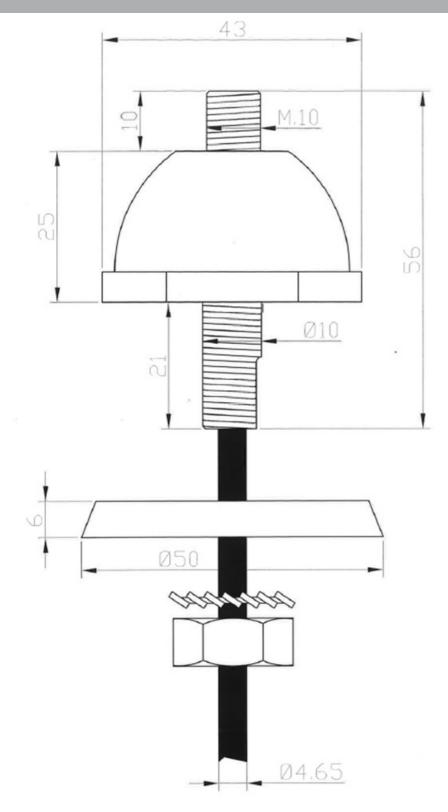
Туре

Bag

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

3/5

Datasheet

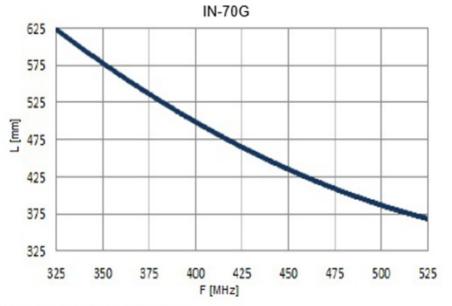


SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

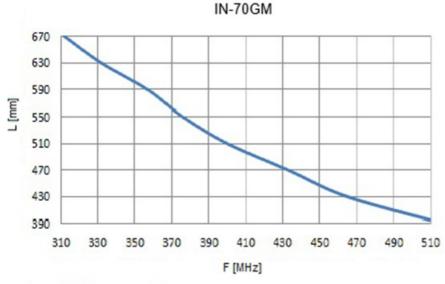
4 / 5

Printed: 8/6/2025

Datasheet



Measured on a Ø 500 mm ground plane

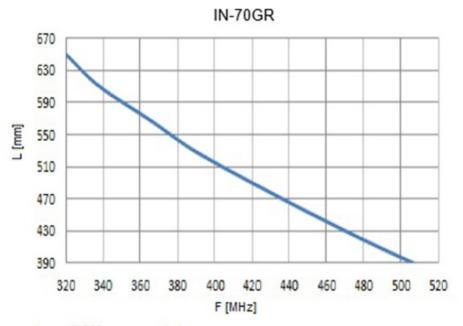


Measured on a Ø 500 mm ground plane

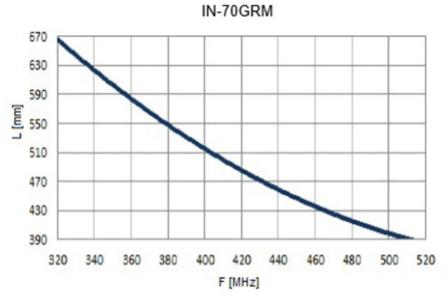
SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45+454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

Printed: 8/6/2025

Datasheet



Measured on a Ø 500 mm ground plane



Measured on a Ø 500 mm ground plane

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

5/5