

# CFW-70

## Dual-Band Vehicular Antenna (VHF/UHF)

Roof mounted antenna base with an VHF and UHF whip.

- Dual-Band over single connection, VHF and UHF.
- High quality compact construction
- Cable included

## ELECTRICAL SPECIFICATIONS

Type	Whip antenna ( $\lambda/4$ VHF, $5\lambda/8$ UHF) and base kit
Frequency	136 - 240 MHz and 370 - 500 MHz
Bandwith	3% of f.res (VSWR $\leq$ 1.5:1)
Impedance	50 Ohm
VSWR	$\leq$ 1.3:1 @ f.res
Polarisation	Vertical
Gain	0 dBd, 2.15 dBi (VHF) 3 dBd, 5.15 dBi (UHF)
Max. Input Power	100 W



## Datasheet

2 / 3

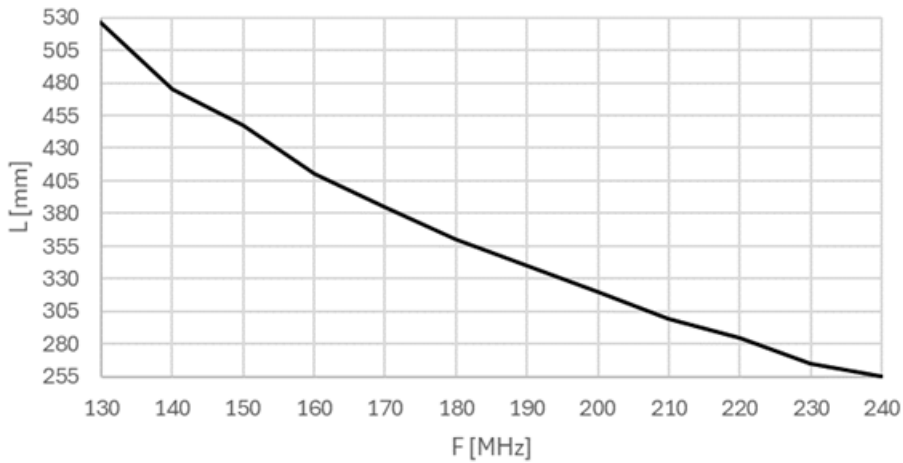
## MECHANICAL SPECIFICATIONS

Color	Black
Length	Max. 600 mm
Weight	300 g (including cable)
Mounting Place	Vehicle roof (Metalic surface)
Mounting Hole	Ø 15.0 mm
Mounting Instruction	Antenna Whip must be cut to specified frequency. See cutting diagram.
Build-In Depth	Approx. 12 mm
Materials	Stainless Steel, PE, ABS
Operating Temperature	-40 to +70°C
Connector	Antenna Whip: M5 Base: FME-female
Cable	5.0 m RG-58 FME-male to Open-End BNC-male connector included (can be mounted on to cable)
Ingress Protection	IP65 (When mounted)

## ORDERING INFORMATION

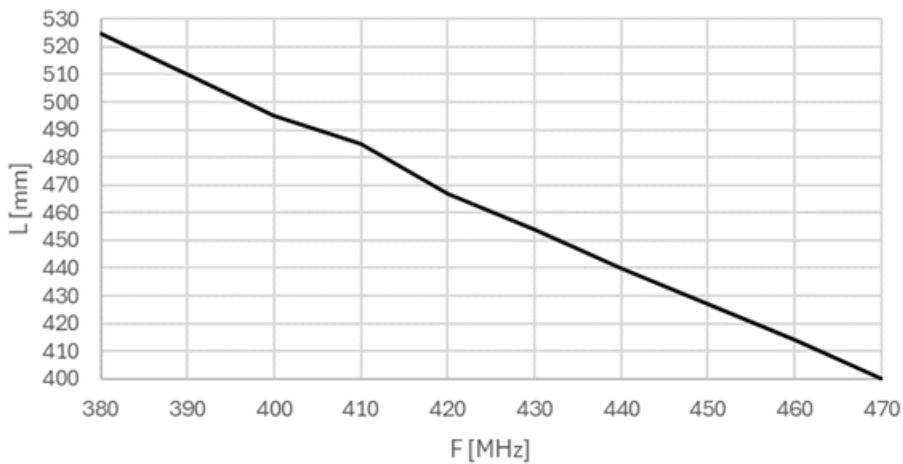
CFW-70	In Bag
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CFW-70 (VHF)



Measured on a 600 x 500 groundplane

CFW-70 (UHF)



Measured on a 500 x 600 groundplane