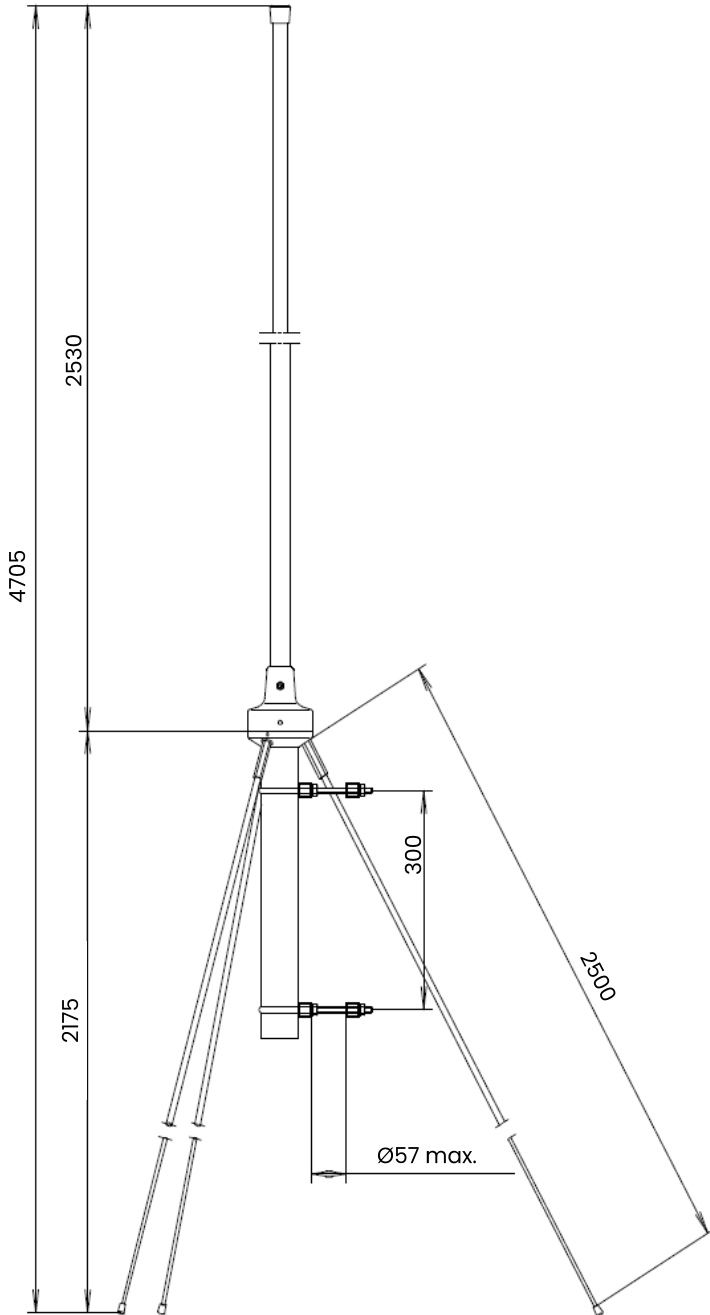


VHF3088PM

VHF elevated whip, monopole/groundplane, 4.7 m, 30-88 MHz

Tactical Antennas: Tactical and Base Station



Features

- 30 - 88 MHz
- No adjustments required
- Permanent mounting on base stations
- Fixed ground plane radials
- Clamped to support by supplied U-bolts
- High radiating efficiency

Electrical Specifications

Frequency Range	30 - 88 MHz
VSWR	see diagram, overleaf
Nominal Impedance	50 Ω
Power Rating	100 W CW
Gain	see diagram, overleaf
Radiation Diagram (Pattern)	Azimuth: Omnidirectional Elevation: See overleaf
Polarisation	Vertical
Connector	N or customer specified

Mechanical Specifications

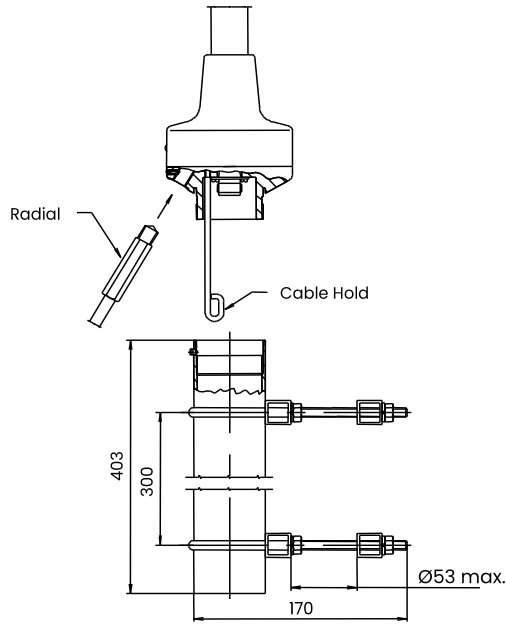
Design	Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel.
Length, Mounted	4.7 m
Weight	4.0 kg
Wind Rating	55 m/s = 201 km/h
Finish	Polyurethane lacquer, olive drab
Temperature Range	- 55°C to + 55°C

Mounting

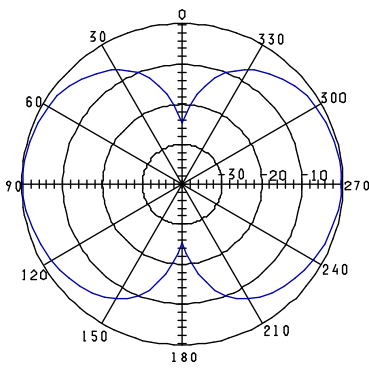
For permanent mounting on base stations. Ground plane radials are fixed during installation. U-bolts allow the antenna to be mounted onto a support tube up to diameter 57 mm.

Available with lightning protection.

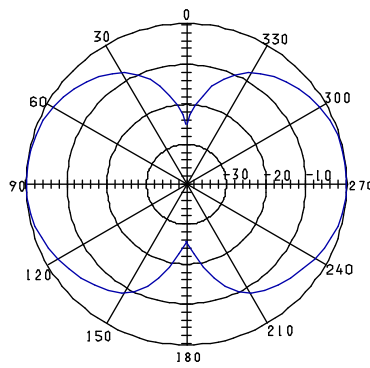
Mounting



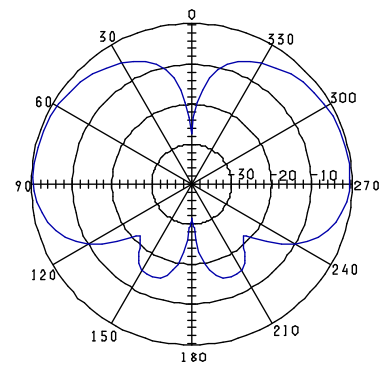
Radiation Diagram, Elevation



30 MHz

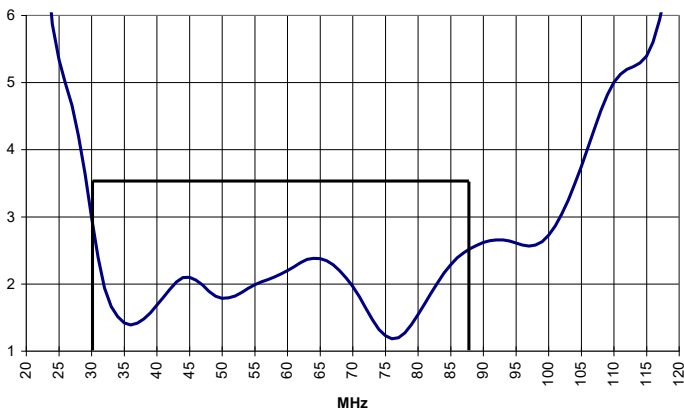


60 MHz

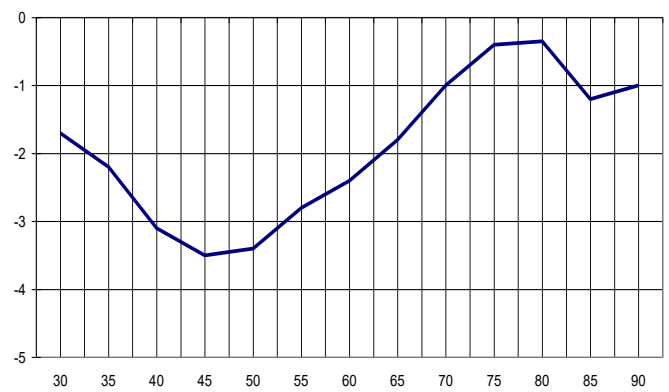


88 MHz

VSWR



Gain, Relative Dipole



September 2018

All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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