

AH52 HF/VHF

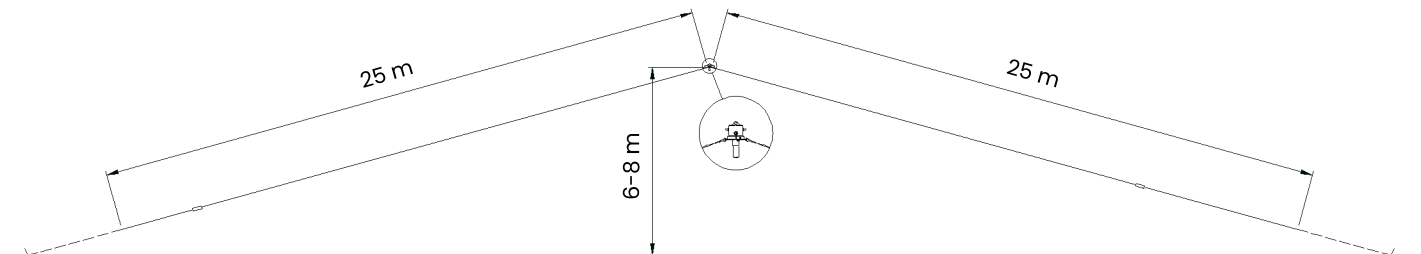
HF/VHF broadband wire dipole antenna, 2 x 25 m, 2-88 MHz

Tactical Antennas: Tactical and Base Station



Features

- 2 - 88 MHz
- With loads to obtain broad band characteristics
- Permitting fast frequency shifts as it does not require adjustments
- Easy to erect and disassemble
- Compact package for transportation
- Very low weight

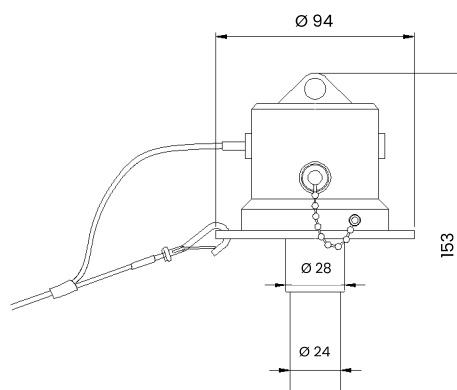


Electrical Specifications

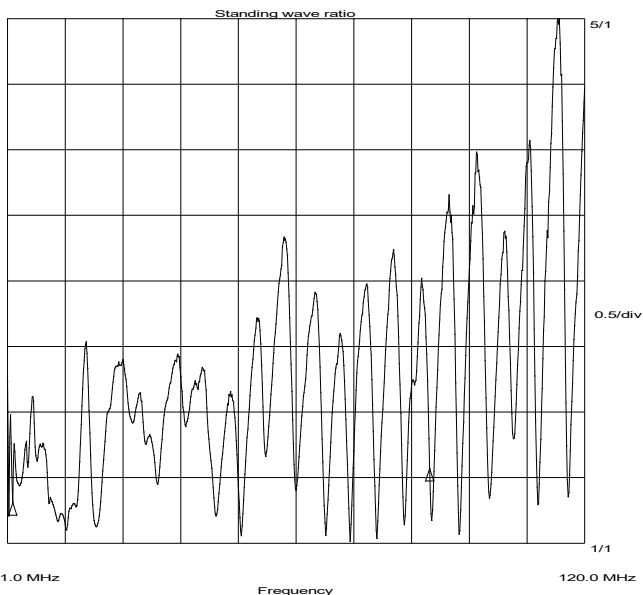
Frequency Range	2 - 88 MHz
VSWR	Better than 3.5:1 see diagram, overleaf
Nominal Impedance	50 Ω
Power Rating	100 W PEP
Radiation Diagram	Same as a dipole antenna with the same dimensions
Connector	BNC

Mechanical Specifications

Design	Centre section with terminals, two dipole arms, each with a load. Suspension line for each dipole arms and two winders. Throwing weight with line.
Length, Dipole Arms	2 x 25 m
Length, Suspension Line	2 x 5 m
Weight, Total	2 kg
Temperature Range	- 55°C to + 71°C

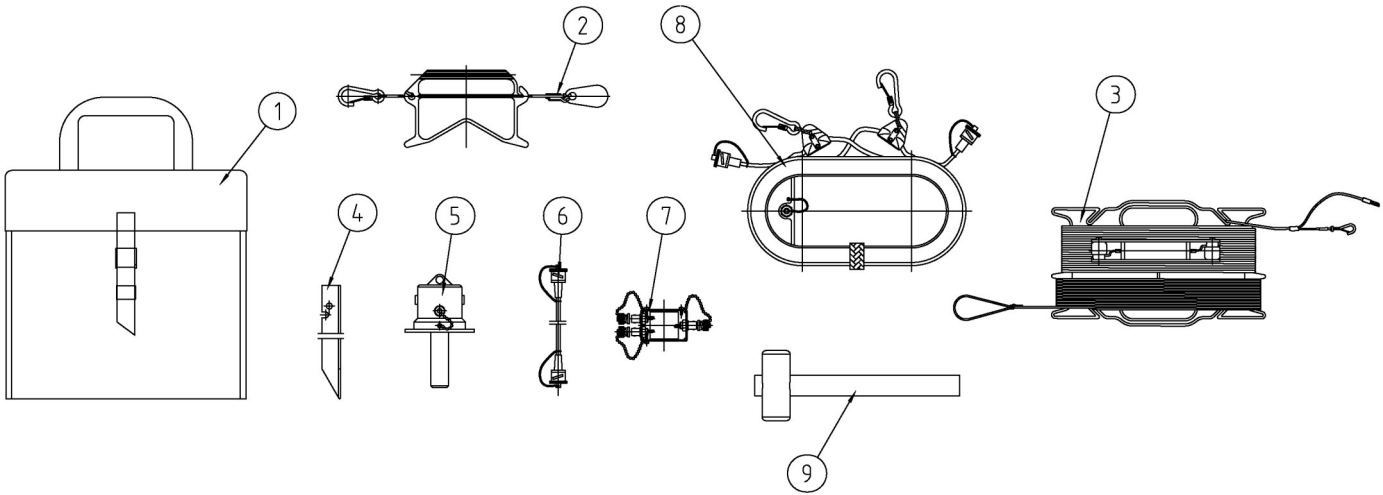


Typical Standing Wave Ratio



Mounting

The antenna consists of a centre section with terminals, two dipole arms, a suspension line for each dipole arm and two winders. The antenna centre section is raised to approximately 7 m, and the dipole arms slope down to the ground. The suspension lines are then attached to guy-pegs or trees using the supplied throwing weight with line, or by using a mast.

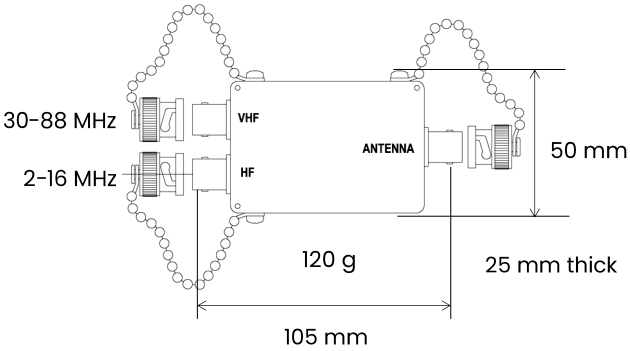


Part	Qty	Description
1	1	Carrying bag
2	1	Throwing weight
3	2	Dipole element
4	2	Guy peg
5	1	Center piece
8	1	Coaxial cable RG223, 25m
9	1	Hammer

Optional

Part	Qty	Description
6	2	Coaxial cable 2,5m RG223
7	1	Diplexer

Optional Diplexer



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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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