

VHF30108GS

VHF manpack groundspike folding whip, composite, monopole, 2.43 m, 30-108 MHz

Tactical Antennas: Handheld and Manpack



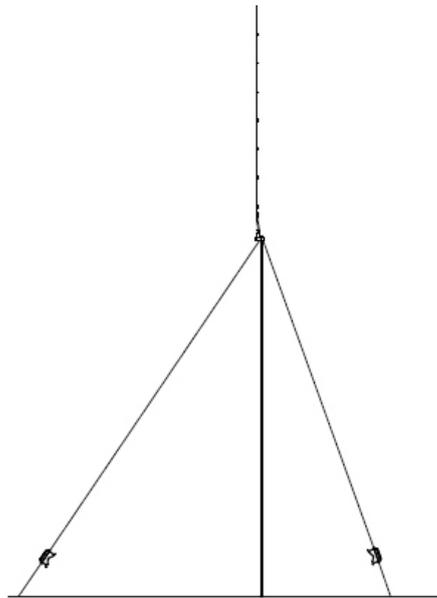
Description

The VHF30108GS is a ground spike antenna designed for the 30 to 108 MHz band. The ground spike antenna fits within a standard 24 mm mast. In this case, the upper part of the guy lines are used for a ground plane and a standard manpack whip is used for the radiating element. Design and accessories can be adjusted to suit various environmental conditions and special applications.

Different interfaces can be made to accommodate individual customer requirements.

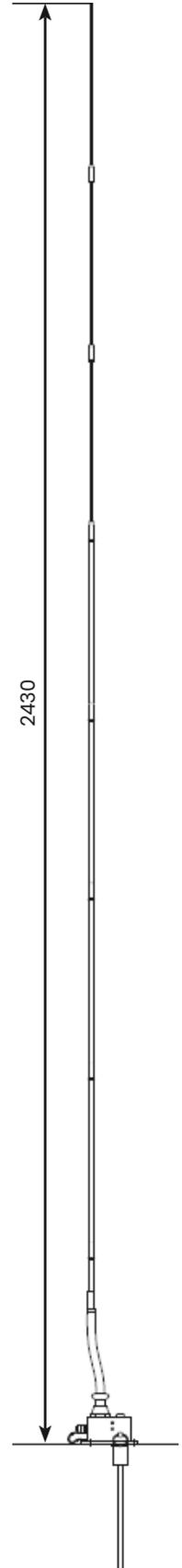
Electrical Specifications

Frequency Range	30 - 108 MHz
VSWR	< 3.5, will depend on the surroundings
Nominal Impedance	50 Ω
Power Rating	25 W
Gain	- 8 to 2 dBi
Polarisation	Vertical



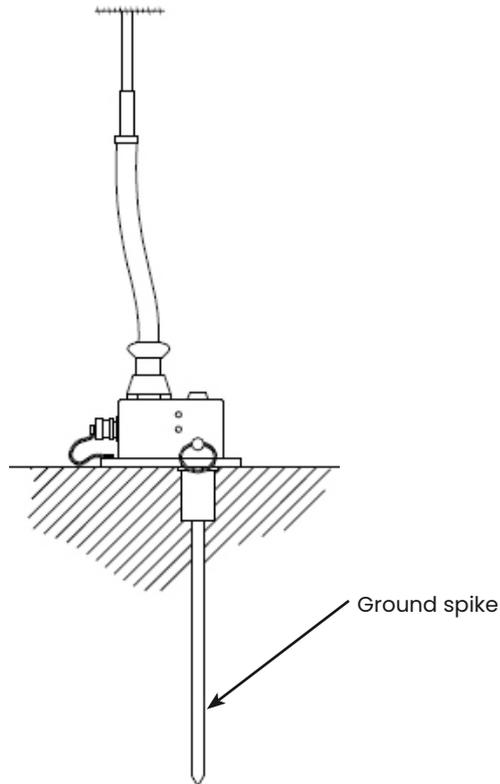
Mechanical Specifications

Design	Vertical - monopole over ground, or elevated with artificial ground plane. The tuning network is in the base for broadbanding. Sectional manpack type whip. The ground plane is part of the guy lines. When used at ground level the antenna base is secured to a conducting ground spike.
Whip Length	2.4 m
Guy Lines with Winder	3 pieces, 2.5 m conductor and line on a winder with adjustable lock and hooks at each end
Guy Pegs	4 pieces, steel
Packaged Weight	2 kg
Temperature Range	- 55°C to + 55°C



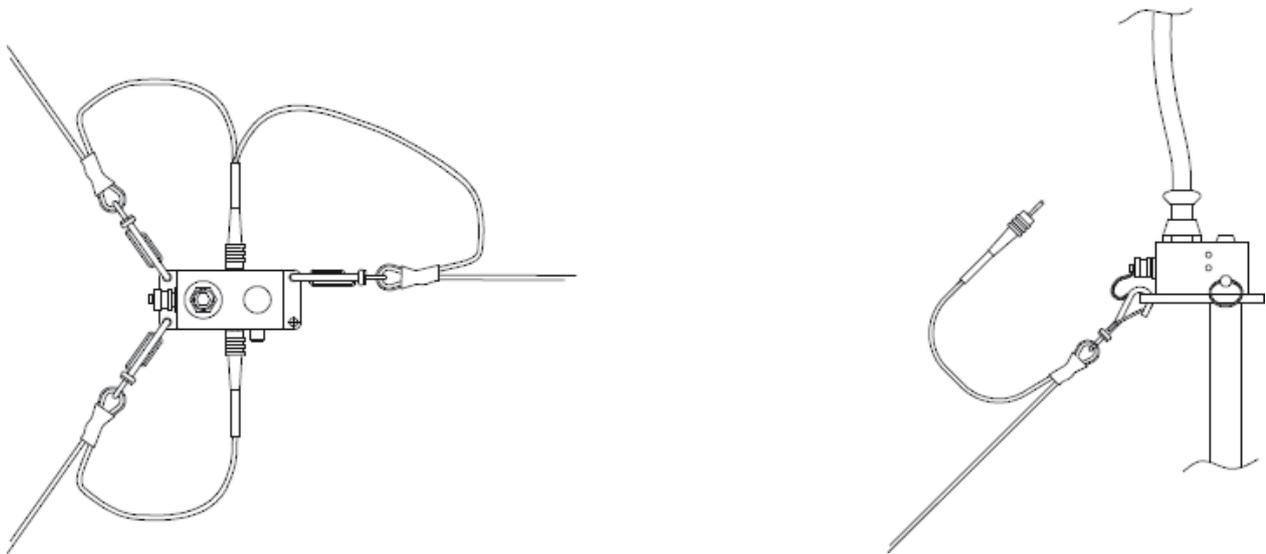
Ground Mounting

For use in the ground, a hammer will be needed to drive the ground spike vertically into the soil. Then secure the antenna to the ground spike with a thumb nut.



Mast Mounting

To use the mast mounting, the ground spike will need to be removed. Then attach the guy lines to the antenna base and insert the leads. Secure the antenna to the mast with a thumb nut, raise the mast and tighten the guy lines.



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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

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sales@eylex.com.au
www.eylex.com.au

