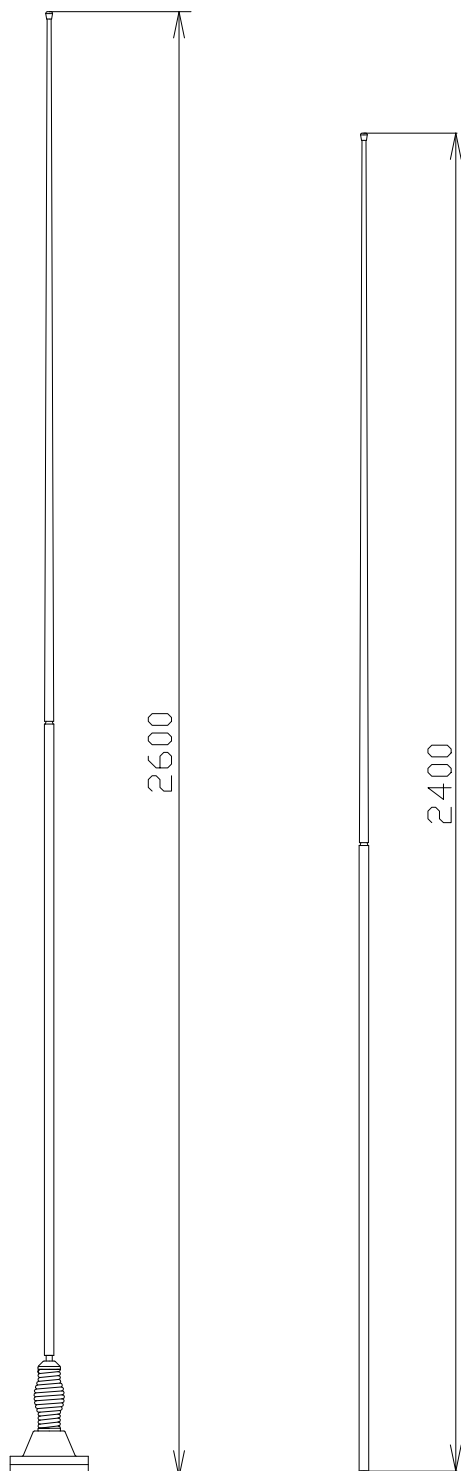




Application:

The VHF3088EF is a VHF vehicle antenna operating over the 30-88 MHz frequency band. It has been designed for use on all modern in-service military platforms, including armoured or soft skin, metal chassis or composite, wheeled or tracked. The antenna is a monopole design so requires a ground plane to operate.

Bases are available for vehicle, mast and fixed mounting with optional L1&L1/L2GPS

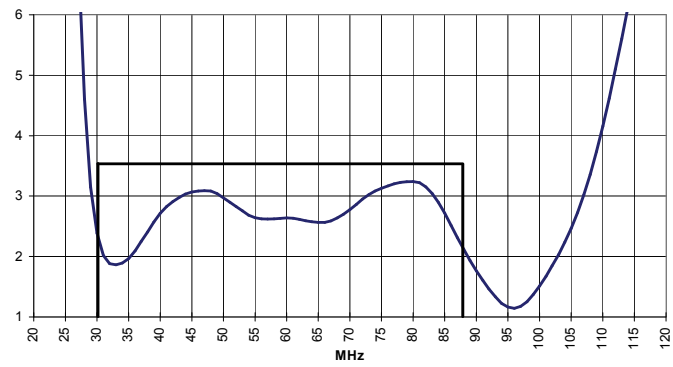
Electrical specifications:

Frequency range	30 - 88 MHz
VSWR	see diagram, overleaf
Nominal impedance	50 ohm
Power rating	100 W cw
Gain	see diagram, overleaf
Radiation pattern	Azimuth: Omnidirectional
Polarization	Vertical
Connector	to be specified

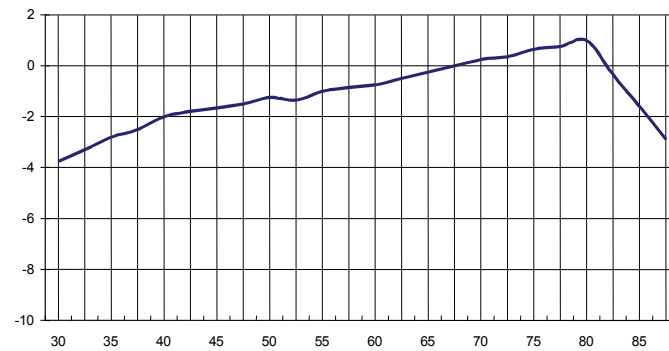
Mechanical specifications:

Design	End fed whip. Radiating elements completely enclosed in epoxy/ fibreglass laminate. Metal parts are brass and stainless steel.
Length, mounted	2.6 m
Length, dismounted	1.27m
Weight	2.7 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, olive drab.
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

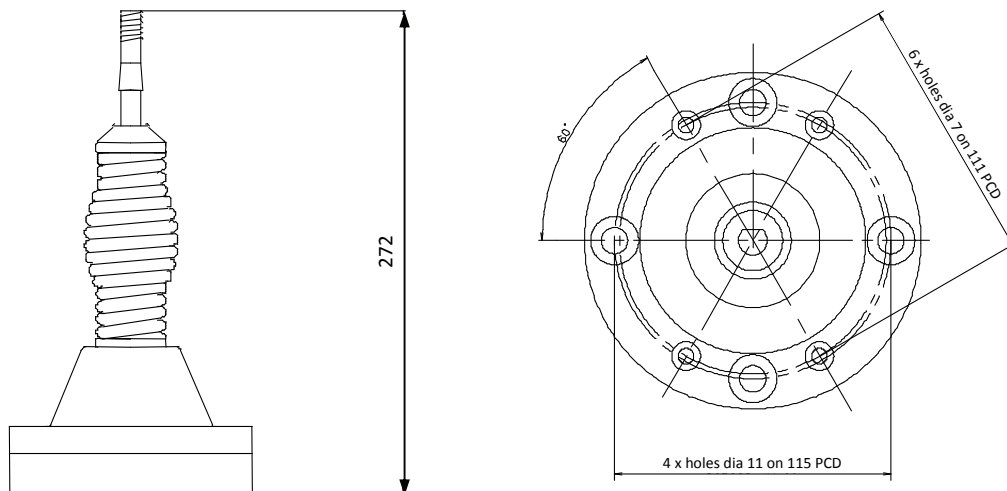
VSWR



GAIN, relative ¼ whip



Base Detail



The mounting hardware supplied makes VHF3088EF usable for both vehicle and permanent installations.