

Features:

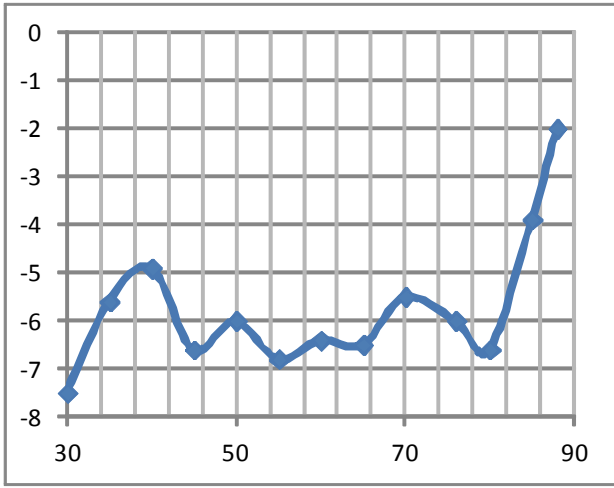
- 30-88MHz, 225-450MHz & 1200-2000MHz, also useable up to 2700MHz
- 3-ports VHF, UHF and L-band
- Designed for operation on all kinds of vehicles including armored vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations.
- Rugged high quality antenna with a durable construction
- NATO flange base with spring.
- UHF dipole and L-band antenna elements are located high up in the whip for maximum range
- VHF requires a ground plane

Electrical specifications:

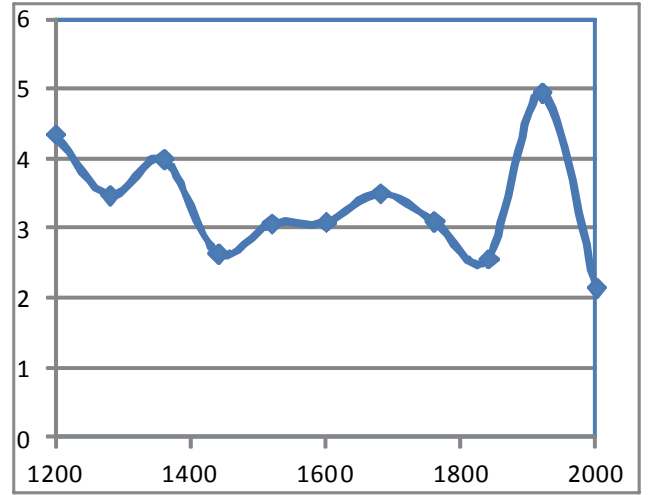
Frequency range	VHF: 30-88MHz UHF: 225-450MHz L-band: 1200-2700MHz
VSWR	VHF: < 3.5 UHF: < 3.0 L-band: < 3.0
Port-to-port isolation	> 40dB within bands
Nominal impedance	50Ω
Power rating	VHF: 75W UHF: 75W L-Band: 50W
Gain	See graphs overleaf
Radiation pattern	See diagram overleaf, omnidirectional within ±2dB
Polarization	Vertical
Connector	VHF: BNC UHF: BNC L-band: SMA

Mechanical specifications:

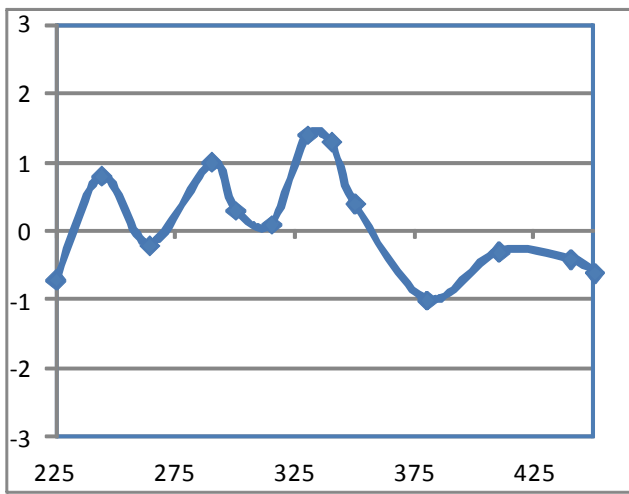
Design	VHF: End feed monopole. UHF: Dipole. L-band dipole elements. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, aluminum and stainless steel.
Length	1.56m
Weight	Whip: 1.1kg Base: 2.6kg
Wind rating	55m/s
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F



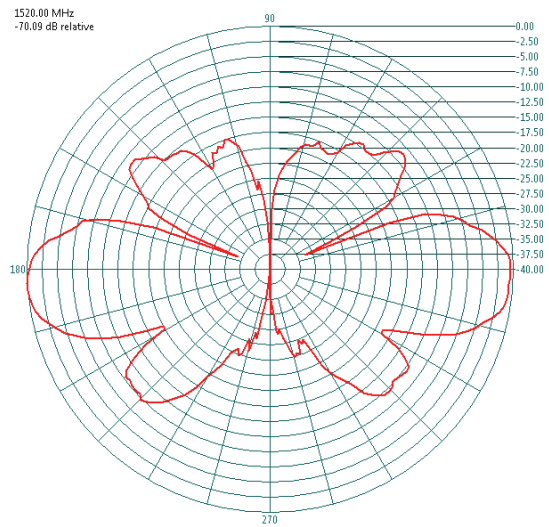
VHF gain, dB rel. 1/4 wave resonant whip in centre of 3x3m ground plane



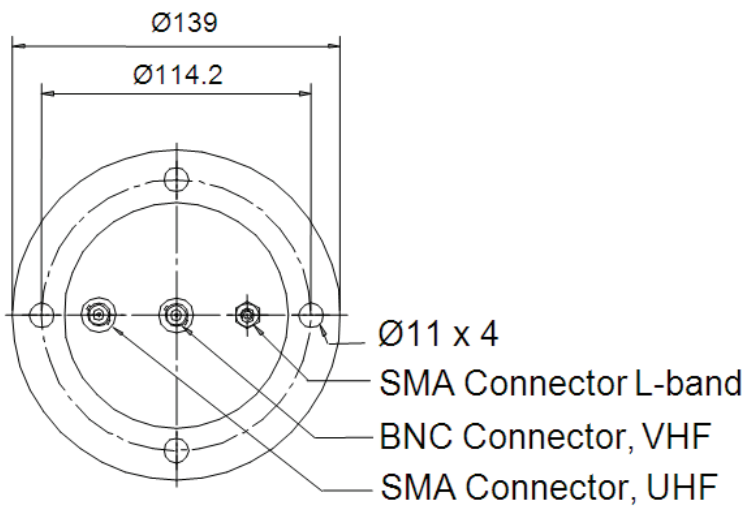
L-band gain, dBi



UHF gain, dBi



Typical L-band elevation radiation pattern



Picture of CEF connection on top of the base