

Features:

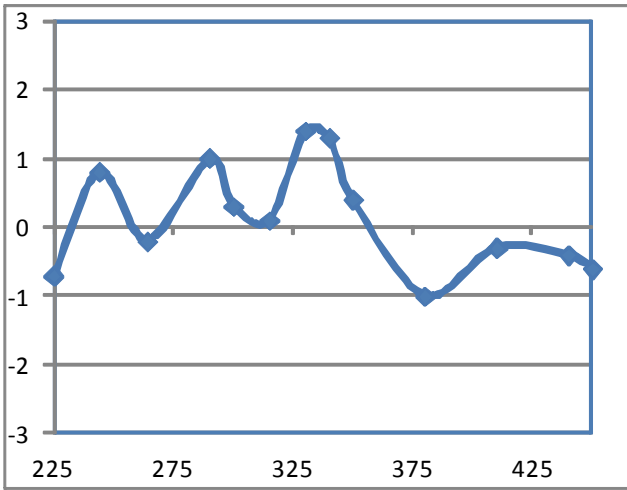
- 225-450 MHz & 1200-2000MHz
- 2-ports UHF and L-band
- Designed for operation on all kinds of vehicles including armored vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations.
- Rugged high quality antenna with a durable construction
- NATO flange base with spring.
- Dipole design, ground plane independent.

Electrical specifications:

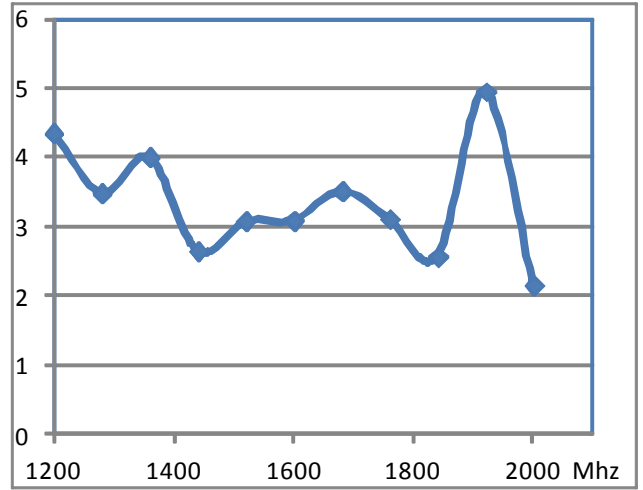
Frequency range	UHF: 225-450MHz L-Band: 1200-2000MHz
VSWR	UHF: < 3.5 L-Band: < 2.5
Port-to-port isolation	> 40dB
Nominal impedance	50Ω
Power rating	UHF: 75W L-Band: 50W
Gain	UHF: See graph L-band: See graph
Radiation pattern	Elevation: See diagram overleaf Azimuth: Omni-directional within ±2.5dB
Polarization	Vertical
Connector	UHF: BNC L-Band: SMA

Mechanical specifications:

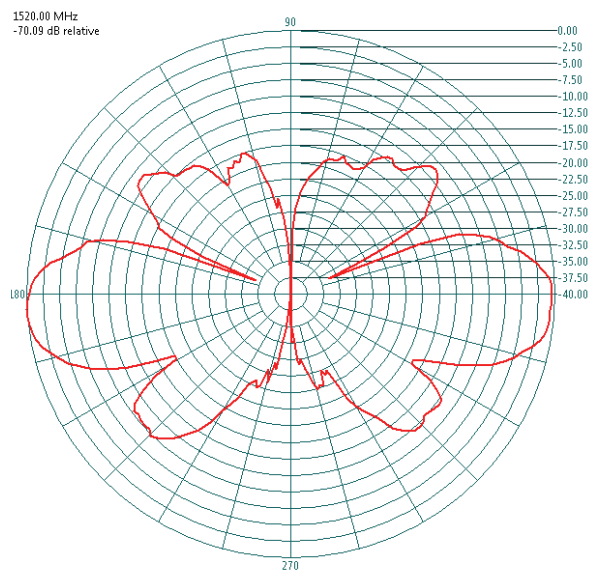
Design	UHF: dipole. L-band: dipole array. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, stainless steel and aluminum.
Length	1.03m
Weight	Whip: 1.0kg Base: 2.6kg
Wind rating	55m/s
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F



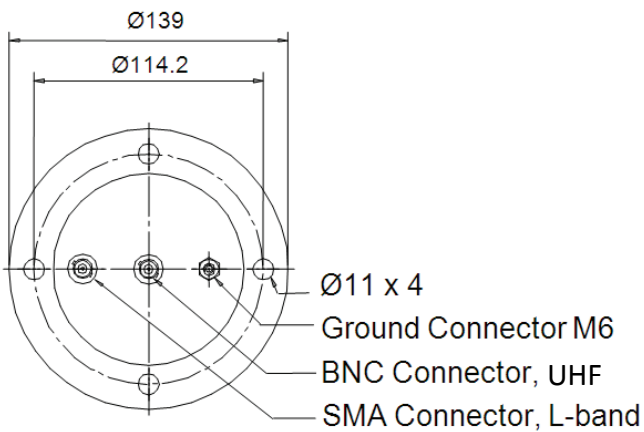
UHF gain, dBi



L-band Gain, dBi



Typical L-band elevation radiation pattern



Picture of CEF connection on top of the base