

Technical Description

- 225-450 MHz & 1200-2000 MHz
- 2-ports UHF and L-band
- Dual-dipole design, ground plane independent.
- 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.

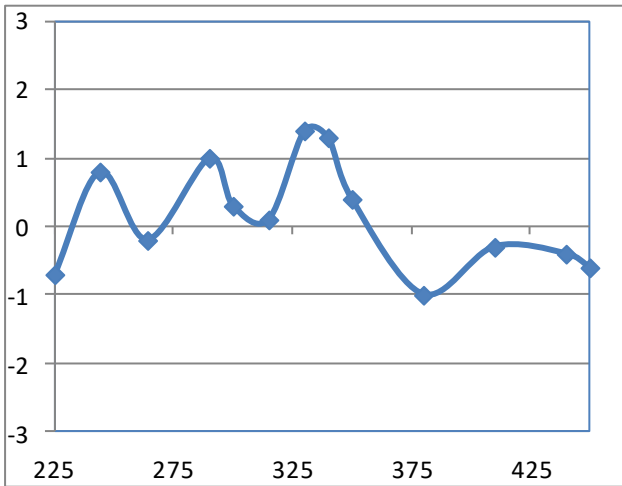
Electrical specifications

Frequency range	UHF: 225-450 MHz L-band: 1200-2000 MHz
VSWR	UHF: < 3.5 L-band: < 3.0
Port-to-port isolation	> 40 dB
Nominal impedance	50 Ω
Power rating	UHF: 75 W L-band: 50 W
Gain	UHF: See plot L-band: See plot
Radiation pattern	Elevation: See diagram overleaf Azimuth: Omni-directional within ±2.5 dB
Polarization	Vertical
Connector	UHF: BNC female (others on request) L-band: N female (others on request)

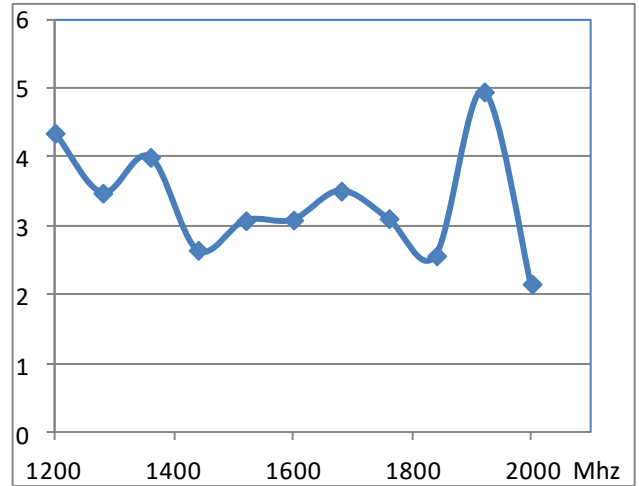
Mechanical specifications

Design	UHF: dipole. L-band: dipole array. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass, stainless steel and aluminum.
Length	1.03 m
Weight	Whip: 1.0 kg Base: 2.45 kg
Wind rating	55 m/s
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

Gain Plots (typical)



UHF, 225-450 MHz, Gain, dBi



L-band, 1200-2000 MHz, Gain, dBi

Base Details & Connections

