



Technical Description

- 30-88MHz & 2400-2500 MHz
- 2 connectors, VHF and WLAN (WiFi)
- Designed for operation on all kinds of vehicles including armored vehicles
- Suitable for operation on shelters, masts and other permanent installations
- Rugged high quality antenna with a durable construction
- NATO flange base with spring
- WLAN antenna element located at the top of the whip for maximum range
- VHF requires a ground plane

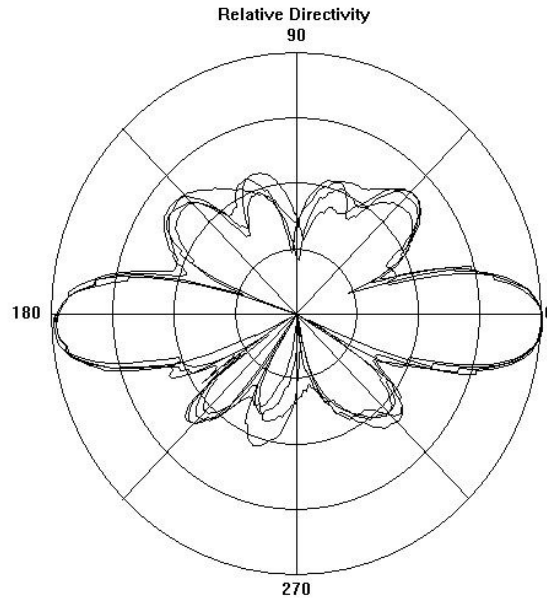
Electrical Specifications

	VHF	WLAN
Frequency Range	30-88 MHz	2400-2500 MHz
VSWR	≤3.5:1	≤2.5:1
Nominal impedance	50 Ohm	
Power rating	100 W CW	10 W CW
Gain	-4..1 dB rel. ¼-whip	4 dBi
Radiation pattern	Azimuth: Omnidirectional Elevation: See diagram overleaf (WLAN)	
Polarization	Vertical	
Connector	BNC female	SMA female

Mechanical Specifications

Design	VHF: End feed monopole. WLAN: Collinear dipoles. Radiating elements completely enclosed in epoxy/fiberglass laminate. Metal parts are brass and stainless steel.
Length	1.6m
Weight	Whip: 1.2kg Base: 2.6kg
Wind rating	55m/s
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F

Radiation Pattern, Elevation, WLAN

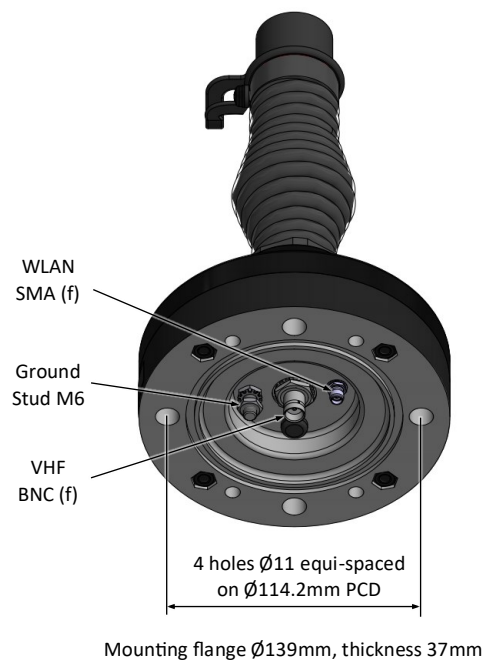


40dB dynamic range

2400, 2420, 2460 and 2480MHz

Base Details & Connections

Base height 262mm



CEF connection
on top of the base