

# Near Vertical Incident Skywave (NVIS) Antenna

The Valcom VD-97-00592-1 is a lightweight, quick-deploy HF antenna designed for tactical NVIS communications, providing reliable 2–30 MHz broadband coverage in rugged field conditions.



## **BROADBAND COVERAGE**

Operates from 2 – 30 MHz wideband HF with no tuner required



## **POWER HANDLING**

Supports up to 400 W average RF power



## **WEATHERPROOF CONSTRUCTION**

Rugged field-proven design



## **VEHICULAR APPLICATIONS**

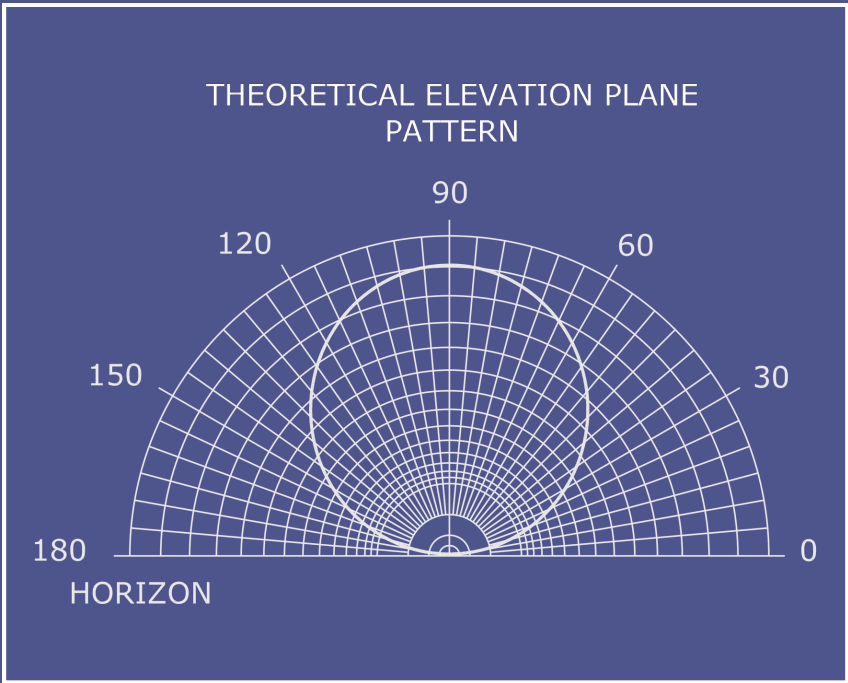
Vehicular or manpack usage and compact stowage in a canvas bag make it potentially viable for mobile and naval deployments



# VD-97-00592-1

Near Vertical Incident Skywave (NVIS) Antenna

NSN: 5985-00-106-6130



**KEY CHARACTERISTICS**

**VD-97-00592-1**

Frequency Range (no tuner)	2 to 30 MHz
Power	0.4 KW
Height	15 ft
Weight	15 lbs
VSWR	Not specified
Polarization	Vertical/Horizontal
Azimuth Coverage	Omnidirectional
Integral Base / Insulator	Aluminum

*NVIS antennas radiate HF signals nearly vertically, reflecting off the ionosphere for short-range, beyond-line-of-sight communication—ideal for mountainous or obstructed terrain.*



**IDEAL FOR:**

- Tactical military communications
- Rapid deployment and teardown scenarios
- Mountainous or obstructed terrain