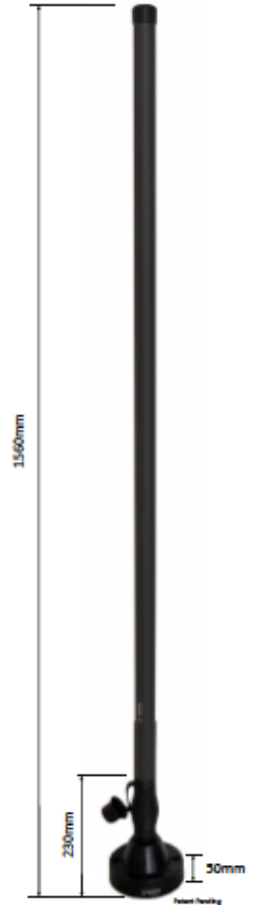




Tactical Support Equipment  
www.tserecon.com

# Dual-Band Antenna

- 30-512MHz & 1200-2000MHz (useable up to 2700MHz)
- 2-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 durable construction
- NATO flange base with spring
- L-band antenna elements located at the top of the whip for maximum range
- VHF requires a ground plane



**Part #: TSE-VHF302000DB**

## Features

- High Gain
- 75 Watts Power Handling
- 1-Year Warranty
- Manufactured by Comrod

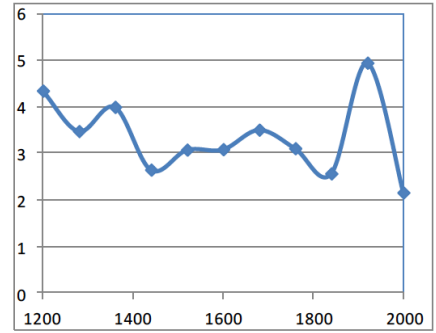
Tactical Support Equipment Inc.  
4039 Barefoot Road  
Fayetteville, NC 28306  
[www.tserecon.com](http://www.tserecon.com)

For More Information  
Contact [sales@tserecon.com](mailto:sales@tserecon.com)

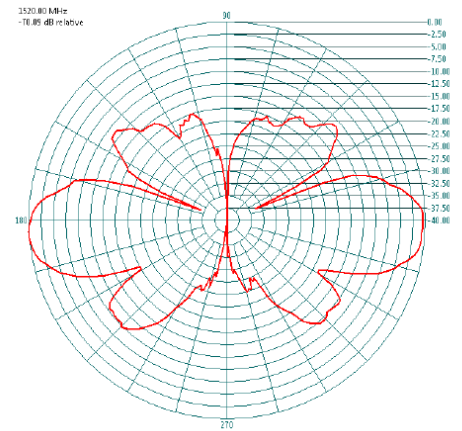
Phone: 800.889.4030  
Phone: 910.425.3360  
Fax: 910.425.3361

## Specifications (TSE-VHF302000DB):

Electrical	
Frequency Range:	VHF/UHF: 30-512 MHz
	L-Band: 1200-2700 MHz
VSWR:	VHF/UHF: <3.0:1
	L-Band: <3.0:1
Port-to-Port Isolation:	>20db
Nominal Impedance:	50Ω
Power Rating:	VHF/UHF: 75W
	L-Band: 50W
Gain	VHF/UHF: -7.5 to 1.5 dB rel. ¼-whip
	L-Band: See graph
Radiation Pattern:	See diagram overleaf, omnidirectional within ±2dB
Polarization:	Vertical
Connectors:	VHF/UHF: TNC Female
	L-Band: N type Female

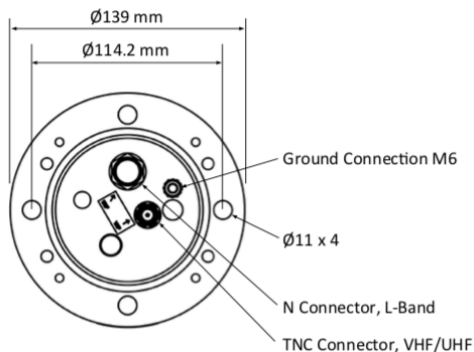


L-band gain, dBi



Typical L-band elevation radiation pattern

Physical	
Design:	VHF/UHF: End feed monopole. 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:	-55°C to +71°C, -67°F to +160°F



Picture of CEF connection on top of the base

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