

BPV-L-960-1240 L-Band Military Vehicle Antenna

Product Code

BPV-L-960-1240

Polarisation

Vertical (V)

Design Type

Collinear

Application Category

Military

RF Category

Military



This vehicle mount antenna manufactured in Australia by Broadband Propagation covers military frequencies between 960 to 1240 MHz with a power rating of 100 watts continuous.

This heavy duty ground independent antenna is mounted on a rugged base unit with heavy duty stainless steel spring. The base is fitted with mounting holes of UK/NATO 6 hole, or USA 4 hole pattern, and is suitable for all types of vehicle mounting including Tank/ASLAV/Bushmaster mounting

The major design goal for this antenna is maximum ruggedness and durability in all operating conditions. From it's high strength Polyoxymethylene (POM) Radome to it's heavy duty spring and base this antenna will withstand the most extreme operating environments.

- IEEE L-Band / NATO D-Band
- Ground independent
- NATO 6-Hole / USA 4-Hole spring mount
- Designed and constructed to MIL-STD-810
- Over-engineered for ultimate strength & reliability

▼ Antenna Technical Data

Physical Characteristics

Construction Material	Acetal (POM)	RF Connections	1
Radome Colour	Other - Black	Environmental Rating	No Data
Dimensions	300 x 40 mm (H x ø)	Operating Temperature	-40 °C to 60 °C
Weight	No Data	Mounting	140 mm NATO 4/6 hole spring base

▼ L-Band Collinear Element

Electrical Specifications**Mechanical Specifications**

Input Impedance	50 Ω	Input Connector	TNC
Polarisation	Vertical (V)	Input Connector Gender	Female
Max. Input Power	100 W	Cable Series	-
PIM, 3rd Order	-	Cable Length	-

▼ Range: 960 to 1240 MHz

Peak Gain	3.00 dBi	Azimuth Beamwidth	360°
VSWR	2.0:1	Elevation Beamwidth	No Data
Radiation Efficiency	No Data	Electrical Tilt	0°
Front-to-Back Ratio	-	Inter-Port Isolation	-
Cross-Polar Discrimination	-	Cross-Polar Isolation	-

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