

Dual Polarized MANET Vehicle Flange Antenna – Lower S-band



Model: VMVH-2200-2500

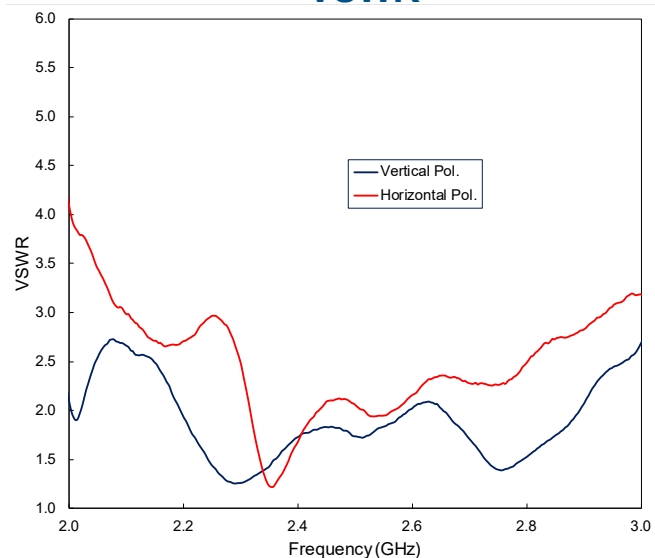
Features

- 2200 – 2500 MHz operation
- Dual-polarity in single enclosure
 - Orthogonal Vertical and Horizontal polarization feeds
- Provides polarization diversity for MIMO Systems
 - Supports 1×2, 2×2 and 4×4 channel MIMO systems
- Suitable for tactical UAVs and ground vehicles
- Flange base

Characteristics

Model Number	VMVH-2200-2500	
Mounting	Flange	
Frequency	2200 - 2500 MHz	
Gain	Vertical	4.9 dBi @ 2200 MHz 5.0 dBi @ 2500 MHz
	Horizontal	5.0 dBi @ 2200 MHz 5.1 dBi @ 2500 MHz
VSWR	< 3:1	
Pattern	Near Omnidirectional in Azimuth	
Polarization	Vertical and Horizontal	
Port Isolation	> 25 dB	
Power	8 W	
Size	15" × 1.2" × 2.25" flange	
Weight	5 oz	
Mounting	Four 0.196" holes on a 1.725" circle	
Connector Type	2 × SMA Female	

VSWR



Radiation Patterns

