

MRC-VIPER

Rifleman Radio Vehicle Mount, 20 Watt
RF Amplifiers



Features

- Extends range of AN/PRC-154
- 20 watts of RF amplification
- Integrated Ethernet and USB
- Continuously charges radio's battery
- Small form-factor

Overview

The VIPER (Vehicle Installed Power Enhanced Rifleman) represents the latest evolution in vehicular communications for the AN/PRC-154 Rifleman Radio*. The VIPER fully supports SRW (Soldier Radio Waveform) and provides 20 watts of RF amplification.

The VIPER extends the operational range of the AN/PRC-154 radio and assures tactical network connectivity by improving the radio's network link margin. VIPER's small form-factor (254 mm H x 133.35 mm W x 87.63 mm L) makes it an easy choice for vehicle integration where space is limited. Once installed, the AN/PRC-154 radio can be mounted in and removed from VIPER with one hand. VIPER meets a host of MIL-STD-810 environmental and MIL-STD-461 EMI standards to ensure survivability in the harshest operating environments.

*AN/PRC-154 Rifleman Radio sold separately

Pictured with AN/PRC-154 Rifleman Radio



Technical Specifications

Size	Length	254.00 mm
	Width	133.35 mm
	Height	87.63 mm
Weight	3.63 kg	
DC Input	10 - 36 V DC Approximately 50 W with battery charging @ 40% duty cycle	
Output Power	20 W	
Frequency Range	225 - 450 MHz UHF	
Waveform Compatibility	Soldier Radio Waveform (SRW)	
JTRS Compliance	Yes	
EMI/EMC Compliance	MIL-STD-461C	
Operating Temperature	- 31°C to + 55°C	
Storage Temperature	- 51°C to + 71°C	
Immersion	1 m	
Data Rate	SRW data modes supported	
Interfaces Supported	USB Ethernet External SAASM (PLGR/DAGR) GPS	
Finish	Black, green anodised	

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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

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