

RF-7800M-V150

50 Watt Multiband Vehicle Amplifier Adapter (VAA)

GENERAL	
RT Nomenclature	RF-7800M-V150
Compatibility	RF-7800M-MP, AN/PRC-117G
Input Voltage	20-32 VDC

PHYSICAL	
Dimensions	9.25 H x 10.5 W x 14.5 D in (23.5 H x 37 W x 27 D cm)
Weight	37 lbs (16.8 kg) with radio
Finish	CARC Green 383

ENVIRONMENTAL	
Shock/Vibration	MIL-STD-810G, ground mobile
Immersion	1 meter
Temperature	-40 C to +70 C
Sand/Dust/Salt Fog/Rain	MIL-STD-810G

The RF-7800M-V150 is designed for use with the L3Harris Falcon III/ RF-7800M-MP and AN/PRC-117G manpack to enhance long-range applications and communications reliability. This highly efficient VAA provides 50 watts from 30 to 450 MHz, 20 watts from 450 MHz to 2 GHz, supporting narrowband and wideband waveforms up to 5 MHz bandwidth. This multiband solution is extremely low-profile and flexible for deployment in single or multiple-unit configurations. The RF-7800M-V150 also features separate UHF, VHF and wideband antenna ports, allowing users to quickly switch among ground, ground-to-air and wideband networking capabilities.

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