



L3HARRIS™
FAST. FORWARD.

RF-330UL-V125

Vehicular Adapter and Amplifier

GENERAL	
RT Nomenclature	RF-330UL-V125
RT Compatibility	AN/PRC 159(V)1, 99 (standard) presets; unlimited using multiple mission plan files
Frequency Range	225-450, 1250-1450, 1750-1850 MHz
Waveform Support	Narrowband VHF and UHF, Wideband UHF and L-Band, SRW and ANW2®C
Channel Spacing/Bandwidth	25 KHz, 1.2 MHz standard, supports 5 MHz+

TRANSMITTER	
Power Output	20 watts 30-88 MHz, 225-450 MHz 10 watts 1250-1450 MHz, 1750-1850 MHz
Harmonic Suppression	CE-106 at < -70 dBc
Spurious Suppression	CE-106 at < -70 dBc

RECEIVER	
Noise Figure (VAA NF)	4 dB

POWER	
Power Input	20-32 VDC (extended VDC range capable)
Power Consumption	< 120 W
Vehicular Power	MIL-STD-1275
Supported Batteries	Charging of L3Harris Falcon III batteries (12041-2400-01, 12041-2200-01)

PHYSICAL	
Dimensions	3.375 H x 4.5 W x 10 D in (8.57 H x 11.43 x 25.4 cm)
Volume	64 in ³
Weight	4.7 lbs
Color / Finish	Green (FED STD 595-34094)

ENVIRONMENTAL	
Temperature	-22°F to +131°F (-30°C to +55°C)
Immersion	1 meter
Shock and Vibration	MIL-STD-810G
Sand/Dust/Salt Fog/Rain	MIL-STD-810G
Humidity	MIL-STD-810G

STANDARD KIT INCLUDES	
12191-1000-01	VAA assembly



The L3Harris RF-330UL-V125 Vehicular Adapter and Amplifier (VAA) is a rugged, single-channel radio accessory designed for use with the Falcon III® AN/PRC-159(V)1 Wideband Team Radio. It provides up to 20 watts of power amplification for clear communication over greater ranges. Always at the ready, the VAA supports radio operation while simultaneously charging the radio's battery.

There is no need to cycle the power when mounting or dismounting the radio from the VAA. The "on-the-move" feature allows operators to remove the radio from the amplifier and seamlessly continue use of the handheld radio.

The RF-330UL-V125 enhances the network-centric capacities and user-optimized features of the AN/PRC-159(V)1, delivering a powerful tactical tool for today's and tomorrow's warfighter.



RF-330UL-V125 installed in a standalone mount with an AN/PRC-159[V]1



Dual RF-330UL-V125 mounted within an AN/VRC-92 radio system

RF-330UL-V125 Vehicular Adapter and Amplifier

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