

## SWP - 2.4GHz 10W Non-Linear / 5W Linear Amplifier

The PA2400-SWP Amplifier is a compact 5W, 2.4 - 2.5 GHz linear amplifier. The PA2400-SWP Amplifier offers a compact, rugged design, featuring high speed automatic Tx/Rx switching. For use with pMDDL Digital Data Links and Pico Serial Radios for long range communications.

### Features

- Rx Band-pass Filtering
- Automatic Tx/Rx Switching
- Digital Transmission Control
- Digital Quiescent Current Control
- Auto On/Off Fan for Cooling Temperature
- Overvoltage Protection
- Status Tx/Rx LEDs
- Lightweight, Compact & Rugged design



**COTS - No Export Permit Required**

### Specifications

<b>Frequency</b>	2400-2500 MHz		<b>Rx/Tx Switching</b>	1 $\mu$ s Typical
	<u>TX Power</u>	<u>RX Gain</u>	<b>Impedance</b>	50 $\Omega$
<b>Pico Serial</b>	10W	12 dB	<b>DC Supply Voltage</b>	32 VDC
<b>pMDDL</b>	5W	12 dB	<b>Connectors</b>	MMCX Female (Jack) (MODEM, ANT) XT30 Male 2pin (DC Power) 6-Pin Quick Connect
<b>Tx O/P Power</b>	<u>Modulation</u>	<u>Power</u>	<b>Weight</b>	Approx. 52g
	P1dB	11W	<b>Dimensions</b>	36mm x 48mm x 20mm
	QAM 16	5W		
	QPSK	6W		

### Contact Information

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Microhard Systems Inc.  
150 Country Hills Landing N.W.  
Calgary, AB, Canada T3K 5P3

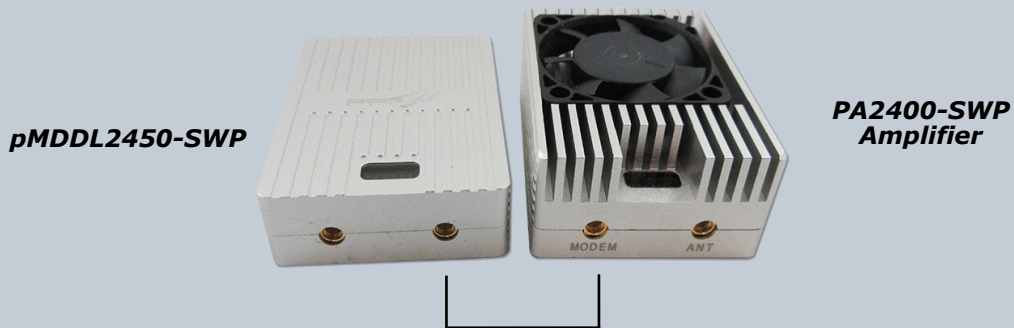
Email: [info@microhardcorp.com](mailto:info@microhardcorp.com)  
Tel: (403) 248-0028  
Fax: (403) 248-2762



## Connection Diagram

### Single SWP Amplifier

**Use a Single Amplifier for up to 5W of Power!**



### Dual SWP Amplifier

**Use Dual Amplifiers for up to 10W of Power!**

