

SWP - 900MHz 10W Non-Linear / 5W Linear Amplifier

The PA900-SWP Amplifier is a compact 5W, 902-928 MHz linear amplifier. The PA900-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 up to 100km range.

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

Frequency	902-928 MHz		Rx/Tx Switching	1 μ s Typical
	<u>TX Power</u>	<u>RX Gain</u>	Impedance	50 Ω
Pico Serial	10W	12 dB	DC Supply Voltage	32 VDC
pMDDL	5W	12 dB	Connectors	MMCX Female (Jack) (MODEM, ANT) XT30 Male 2pin (DC Power) 6-Pin Quick Connect
Tx O/P Power	<u>Modulation</u>	<u>Power</u>	Weight	Approx. 52g
	P1dB	11W	Dimensions	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
Tel: (403) 248-0028
Fax: (403) 248-2762

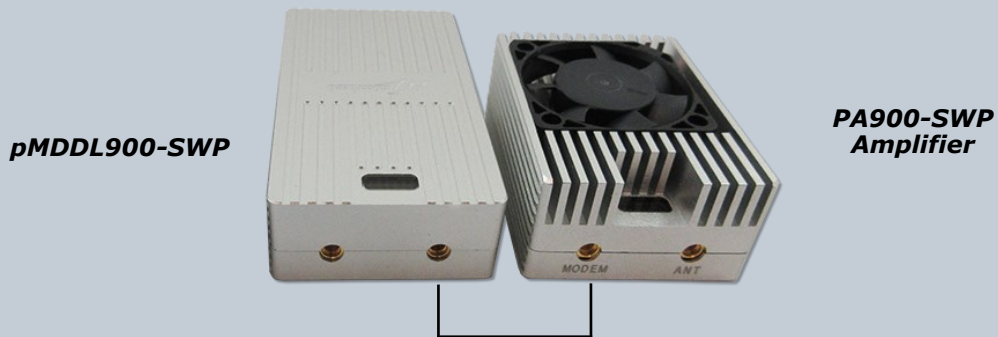


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Connection Diagram

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!

