

PRODUCT RELEASE



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Richardson RFPD Introduces New 470–960 MHz 0.8W Power Amplifier from Wavelex

Fully-matched to 50 Ohm impedance

April 28, 2014 – LaFox, Illinois: Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for a new 0.8W power amplifier from Wavelex.

The [WPA0409A](#) offers wide frequency band operation, from 470 MHz to 960 MHz, with 50 Ohm impedance, and features +29 dBm P1dB, 14 dB gain and +43 dBm IP3. It is versatile for a range of applications, including VHF, UHF, PA driver amplifiers, RF bench test, and fixed wireless communications.

The new device is SMA-connectorized and packaged with precision machine housings in [Wavelex's IP-3 package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

Key features of the [WPA0409A](#) include:

Frequency (MHz)	Gain (dB)	Gain Flatness (dB)	VSWR (Typ./Max.)	P1dB (dBm)	IP3 (dBm)	DC Idd (mA)	DC Power (V)	Package
470-960	14.0	+/-0.5	1.8:1/2:1	+29	+43	220	12.0-16.0	IP-3

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for all Wavelex products, including the WPA0409A. To find more information, or to order this device today on the Richardson RFPD website, please visit the [WPA0409A](#) webpage. The device is also available by calling 1-800-737-6937 (within North America); or please find your local sales engineer (worldwide) at [Local Sales Support](#). To learn about additional products from Wavelex, please visit the [Wavelex storefront](#) webpage.



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About Richardson RFPD, Inc.

Richardson RFPD, Inc., an Arrow Electronics company, is a global leader in the RF and wireless communications, power conversion and renewable energy markets. Relationships with the industry's top component suppliers enable Richardson RFPD to meet the total engineering needs of each customer. Whether it's designing components or engineering complete solutions, Richardson RFPD's worldwide design centers and technical sales team provide support for all aspects of customers' go-to-market strategy, from prototype to production. More information is available online at www.richardsonrfpd.com.

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