

PRODUCT RELEASE



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Richardson RFPD Introduces New 0.8W Power Amplifier from Wavelex

Wide frequency band operation, fully-matched to 50 ohms

September 3, 2013 – LaFox, Illinois: Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for a new 0.8W power amplifier (PA) from Wavelex.

The [WPA0214N](#) offers wide frequency band operation, from 175 to 1400 MHz, 50 ohm impedance, and 29 dBm P1dB. The WPA0214N is versatile for a range of applications, including VHF, UHF, Avionics, GPS, PA driver amplifiers, RF bench tests, and fixed wireless communication.

The new PA is packaged with precision machine housings in [Wavelex's IP-2 package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

Key features of the devices include:

Part	Frequency (MHz)	Gain (dB)	Gain Flatness (dB)	VSWR Typ	P1dB (dBm)	IP3 (dBm)	DC Idd (mA)	DC Power (V)	Package
WPA0214N	175-1400	13.5	+/-0.5	1.8:1	29	43	220	12.0-16.0	IP-2

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for all Wavelex products, including the WPA0214N. To find more information, or to order this device today on the Richardson RFPD website, please visit the [WPA0214N](#) 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 more 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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