

# PRODUCT RELEASE



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## Richardson RFPD Introduces New 1 Watt Power Amplifier from Wavelex

### N-connectorized, operates from 20 to 600 MHz

**December 17, 2013 – LaFox, Illinois:** Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for a new 1 Watt, wideband, N-connectorized power amplifier from Wavelex.

The [WPA0006N](#) offers wide frequency band operation, from 20 MHz to 600 MHz, with 50 Ohm impedance, and features 30 dBm P1dB, and 17 dB gain. It is versatile for a range of applications, including VHF, UHF, RF bench test, and fixed wireless communications.

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 [WPA0006N](#) include:

Frequency (MHz)	Gain (dB)	Gain Flatness (dB)	VSWR (Typ/Max)	P1dB (dBm)	IP3 (dBm)	DC Idd (mA)	DC Power (V)	Package
20-600	17.0	+/-0.2	1.5:1/2:1	30	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 WPA0006N. To find more information, or to order this device today on the Richardson RFPD website, please visit the [WPA0006N](#) 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](http://www.richardsonrfpd.com).

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