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NEWS RELEASE

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### Richardson RFPD Introduces Three New 16W Power Amplifiers for Test and Measurement from Wavelex

*New PAs cover 1805–1880 MHz, 1930–1990 MHz, and 2110–2170 MHz frequency ranges*

**October 6, 2014 – LaFox, Ill.:** Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for three new 16W power amplifiers from Wavelex.

The new 50-ohm, unconditionally stable PAs operate from a single DC power supply and cover 1805–1880 MHz, 1930–1990 MHz, and 2110–2170 MHz frequency ranges—common bands for test and measurement applications.

They feature high gain, low gain flatness, low noise figure, infinite load VSWR protection, and high power added efficiency. The new SMA-connectorized PAs are packaged with precision machine housings in [Wavelex’s WP-1M package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

In addition to test and measurement, the new PAs are suitable for CDMA/WCDMA mobile infrastructure and fixed wireless communication applications.

The [WPA18-45A](#), [WPA19-43A](#) and [WPA21-41A](#) are part of a [new family of 17W to 25W power amplifiers](#) from Wavelex.

According to Wavelex, additional key features of the new PAs include:

Part Number	Freq. Range (GHz)	NF (dB)	Gain (dB)	Gain Flat. (dB)	VSWR Typ./Max.	Psat (W)	DC PAE (%)	DC Idd Max. (A)	DC Power (V)
<a href="#">WPA18-45A</a>	1805–1880	2.1	45	+/-0.5	1.27:1/1.5:1	17	44	2.0	26–30
<a href="#">WPA19-43A</a>	1930–1990	2.0	43	+/-0.4	1.27:1/1.5:1	17	45	2.0	26–30
<a href="#">WPA21-41A</a>	2110–2170	2.0	41.5	+/-0.5	1:22:1/1:5:1	17	41	2.0	26–30

To find more information, or to purchase these products today online, please visit the [Wavelex 17W to 25W Power Amplifiers](#) webpage. The devices are 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.



### **About Richardson RFPD**

Richardson RFPD / Arrow RF & Power, an Arrow Electronics company, is a global leader in the RF and wireless communications, power conversion and renewable energy markets. It brings relationships with many of the industry's top radio frequency and power component suppliers. Whether it's designing components or engineering complete solutions, Richardson RFPD's worldwide design centers and technical sales team provide comprehensive support for 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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