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**NEWS RELEASE**

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**Richardson RFPD Introduces Three New 20W Power Amplifiers from Wavelex**

*New PAs cover down to 820 MHz and up to at least 890 MHz*

**October 16, 2014 – LaFox, Ill.:** Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for three new 20W power amplifiers from Wavelex.

The new 50-ohm, unconditionally stable PAs operate from a single DC power supply and cover down to 820 MHz and up to at least 890 MHz.

They feature infinite load VSWR protection and a minimum of 50% power added efficiency, and they are SMA-connectorized and packaged with precision machine housings in [Wavelex’s WP-1M package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

The new PAs are suitable for GSM mobile infrastructure and fixed wireless communication applications.

The [WPA08-35B](#), [WPA08-53A](#), and [WPA0810A](#) are part of a [new family of 17W to 25W power amplifiers](#) from Wavelex.

According to Wavelex, additional key features of the new 20W PAs include:

Part Number	Freq. Range (GHz)	Gain (dB)	Gain Flat. (dB)	VSWR Typ./Max.	Psat (W)	DC PAE (%)	DC Idd Max. (A)	DC Power (V)
<a href="#">WPA08-35B</a>	820–890	34.5	+/-0.3	1.2:1/1.4:1	25	55	2.5	26–30
<a href="#">WPA08-53A</a>	820–890	53.5	+/-0.3	1.45:1/1.65:1	25	51	2.5	26–30
<a href="#">WPA0810A</a>	820–960	53.0	+/-0.5	1:45:1/1:65:1	24	50	2.5	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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