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NEWS RELEASE

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Richardson RFPD Introduces Two New 24W Saturated Power PAs from Wavelex

SMA-connectorized power amplifiers operate from 925 GHz to 960 GHz

September 18, 2014 – LaFox, Ill.: Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for two new 24W Psat (20W P1dB) power amplifiers from Wavelex.

The new 50-ohm PAs operate from 925 GHz to 960 GHz, offer high gain, low gain flatness, and high power added efficiency. They are offered in SMA-connector packages 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 two new 24W PAs are ideally suited for GSM, mobile infrastructure, and fixed wireless communication applications.

The [WPA09-35B](#) and [WPA09-53A](#) 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) | Gain (dB) | Gain Flat. (dB) | VSWR Typ./Max. | Psat (W) | DC PAE (%) | DC Idd Max. (A) | DC Power (V) |
|---------------------------|-------------------|-----------|-----------------|----------------|----------|------------|-----------------|--------------|
| WPA09-35B | 925–960 | 35 | +/-0.25 | 1.22:1/1.5:1 | 24 | 55 | 2.0 | 26–30 |
| WPA09-53A | 925–960 | 53 | +/-0.3 | 1.35:1/1.55:1 | 24 | 50 | 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.

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