

# PRODUCT RELEASE



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## Richardson RFPD Introduces Two New Low Noise Amplifiers from Wavelex

### Versatile, fully-matched to 50 ohms, no external matching components needed

**August 27, 2013 – LaFox, Illinois:** Richardson RFPD, Inc. and Wavelex today announces immediate availability and full design support capabilities for two new low noise amplifiers (LNAs) from Wavelex.

The [WLA0030A](#) offers wide frequency band operation, from 20 to 3000 MHz, a 1.3 dB noise figure and 15 dB gain. The WLA0030A is versatile for a range of applications, from LTE, to receiver amplifiers, RF bench test, and mobile base station.

The [WLA0545A](#) operates from 0.5 to 4 GHz, with a 1.2 dB noise figure and 25 dB gain. It is well-suited for cellular, GPS, PCS and 3G applications, as well as receiver amplifiers, RF bench test, and mobile base stations.

Both new LNAs are fully-matched to 50 ohms, with no external matching components needed. They are packaged with precision machine housings in [Wavelex's IP-3 package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

Key features of the devices include:

Part	Frequency	Noise Figure (dB)	Gain (dB)	Gain Flatness (dB)	VSWR Typ	P1dB (dBm)	IP3 (dBm)	DC Idd (mA)	DC Power (V)	Package
<a href="#">WLA0030A</a>	20-3000 MHz	1.3	15.0	+/-0.5	1.35:1	12	25	25	8.0-16.0	IP-3
<a href="#">WLA0545A</a>	0.5-4 GHz	1.2	25.0	+/-1.0	1.5:1	12	25	65	8.0-16.0	IP-3

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for all Wavelex products, including the two new LNAs. To find more information, or to order the devices today on the Richardson RFPD website, please visit the [WLA0030A](#) and [WLA0545A](#) webpages. 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 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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