

PRODUCT RELEASE



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Richardson RFPD Introduces New 1W SPDT Switch from Wavelex

Wide frequency band operation, versatile for range of S- to Ku-band applications

September 17, 2013 – LaFox, Illinois: Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for a new 1W single-pole, double-throw (SPDT) switch from Wavelex.

The [WSW10180A](#) offers wide frequency band operation, from 1.0 to 20.0 GHz, with a low insertion loss of 1.5 dB, power handling of 30 dBm, and 50 nS switching speed. It is versatile for a range of S- to Ku-band applications, including satellite communications, broadcast, RF bench test, and mobile base station.

The new 1W switch features a built-in DC block and is packaged with precision machine housings in [Wavelex's 0.7" x 0.7" package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

Key features of the [WSW10180A](#) include:

Frequency (GHz)	Configuration	Insertion Loss (dB)	Isolation (dB)	VSWR	Power Handling (dBm)	Switching Time (ns)	Package (inches)
1.0-20.0	SPDT	1.5	35	1.5:1	30	50	0.7x 0.7

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for all Wavelex products, including the WSW10180A. To find more information, or to order this device today on the Richardson RFPD website, please visit the [WSW10180A](#) 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.

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