

PRODUCT RELEASE



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Richardson RFPD Introduces New 0.7–2.7 GHz, 10W Hybrid Coupler from Wavelex

Suitable for LTE and land mobile radio applications

March 17, 2014 – LaFox, Illinois: Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for a new 0.7–2.7 GHz, 10W hybrid coupler from Wavelex.

The SMA-connectorized, 90-degree [WHC0727A](#) hybrid coupler features a low insertion loss of 0.5 dB (typical), high isolation of 18 dB (minimum) and excellent VSWR. It is suitable for LTE and land mobile radio (LMR), as well as RF bench test and mobile base station applications.

The new hybrid coupler is packaged with precision machine housings in [Wavelex's IP-1 package](#). Wavelex products are 100% production-tested on all minimum and maximum electrical specifications.

Key features of the [WHC0727A](#) include:

Frequency (GHz)	No. of Ways	Insertion Loss (Typ./Max.) (dB)	Phase Offset (Min./Max.) (degrees)	Amplitude Unbalance (Typ./Max.) (dB)	VSWR (Typ./Max.)	PWR Rating (W)	Isolation (dB)	Package
0.7-2.7	2	0.5/1.3	85/95	0.2/0.8	1.22:1/1.5:1	10	20	IP-1

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for all Wavelex products, including the WHC0727A. To find more information, or to order this device today on the Richardson RFPD website, please visit the [WHC0727A](#) 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 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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