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## High Frequency Trading Turns to High Frequency Technology to Reduce Latency

For financial companies engaged in high frequency trading, profitability depends on how quickly trades are executed. Now, new millimeter microwave radio transmitters speed connections between data centers and their markets.

Financial markets have always been high-speed, high-return activities. The ability to execute a transaction before your competitors determines who gets the profit from a deal. But we are a long ways from the days of ticker tape and phone calls were fast enough. With billions of dollars on the line, markets and traders have invested heavily in technologies to help them rapidly access and analyze data and conclude a sale

[Read More...](#)

## Microstrip Isolator for Space Applications



To protect the space communication payload electronics, Renaissance has designed a 26.5 GHz microstrip. Main features include compact size, low loss and high isolation. This device meets all of the NASA's outgassing requirements.

[2W9NBV-S Datasheet](#)

For more information about Renaissance/HXI products contact us at 978-772-7774 or visit [www.rec-usa.com](http://www.rec-usa.com) / [www.hxi.com](http://www.hxi.com)

## 8mm Surface Mount Isolator

For the ISM (Industrial, Scientific, and Medical) band, Renaissance has developed a compact SMT isolator for transceiver protection application. Operating at around 2.5 GHz, this compact design can handle up to 5W forward and 0.25W reverse.

[2SLE4NW Datasheet](#)  
[2SLE4NX Datasheet](#)

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## Ka band Coaxial Isolator



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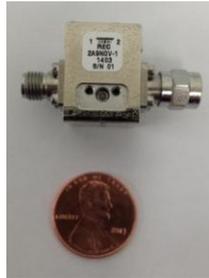
Isolators, Circulators, Combiners

Surface Mount SLE Isolators

For SATCOM on-the-Move (SOTM) terminals, Renaissance has designed a compact low loss isolator with K-connectors to support the bandwidth requirement of 27.5 to 30.5 GHz.



The power handling on this model is 10 W forward and 1 W reverse but this package can be customized for up to 50 W forward and 10 W reverse.



[2A9NGV-1 Datasheet](#)  
[2AN9GV-2 Datasheet](#)

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## Renaissance Electronics Grants Local Scholarships

Renaissance Electronics/HXI, along with Gen Cap America, has granted college scholarships to 6 graduating seniors from 3 High Schools local to our facility in Harvard, MA. We are so proud of our recipients and pleased that we can continue a tradition started by Tom and Molly Kurian 16 years ago!

Congratulations and good luck to our recipients! We will be anticipating great things out of their selected Universities, which include UMass Amherst, NYU, University of Chicago, University of Pennsylvania and UC Berkeley.

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