

**In This Issue**

[Octave Bandwidth Coaxial Circulators](#)

[Directional Coupler, 12A7NA-40S](#)

[Duplexer & 3 Way Divider, 16A3BJ](#)

[REC Parts Catalog](#)

[Renaissance/HXI Product Lines](#)



Join Our Mailing List!

Stay Connected



**Octave Bandwidth Coaxial Circulators**

Renaissance continues to meet the latest customer requirements with broadband coaxial parts. Here is an easy way to see parts in L, S, C, X and Ku Bands in a single glance. Of course, we can still customize parts for unique frequency requirements.

Part No.	Freq Min (GHz)	Freq Max (GHz)	Isolation Min (dB)	Loss Max (dB)	Power PK (W)	Size " (l*w*h)
<a href="#">3A3BR</a>	1	2	18	0.6	100	2.6*0.75*2.6
<a href="#">3A4BM</a>	1	2	14	0.7	50	
<a href="#">3A5BC</a>	2	4	18	0.5	100	1.62*0.69*1.72
<a href="#">3A7BF</a>	4	8	18	0.5	400	1*0.5*1.13
<a href="#">3A8BW</a>	6	12	18	0.6	400	0.75*0.5*0.75
<a href="#">3A9BML</a>	6	18	12	1	100	0.63*0.5*0.75

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)

**Directional Coupler, 12A7NA-40S**



To support development of C-band radar sub-systems, REC has developed a 5-6 GHz 40 dB coupler with very low insertion loss and high directivity. Other coupling values are also variable

in the same package size.

[12A7NA-40S 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)

**Duplexer & 3 Way Divider, 16A3BJ**



[Linked In](#)



[Blog](#)



[Google+](#)

## In Stock, Ready to Sell!

Isolators, Circulators, Combiners available with volume discounts

[Isolators, Circulators, Combiners](#)

[Surface Mount SLE Isolators](#)

For iDAS systems, Renaissance has developed a duplexer with integrated divider operating at the PCS band. With low insertion loss, the unit offers high isolation between output ports.

[16A3BJ 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)

## REC Parts Catalog

Renaissance has created a new electronic catalog. It is a downloadable, searchable spreadsheet of our parts. Easy tool to sort, search and locate the perfect part for your needs!

[Renaissance Catalog](#)

  			
<b>RF &amp; MICROWAVE PRODUCTS: DC – 40GHz</b>			
<b>CIRCULATORS/ISOLATORS</b>  <ul style="list-style-type: none"> <li>• Standard/Custom Frequencies</li> <li>• Surface Mount, Coaxial, Drop-In, Waveguide and Microstrip</li> <li>• Low Loss, High Isolation</li> <li>• High Power to 10KW</li> </ul>	<b>SWITCHES/ATTENUATORS</b>  <ul style="list-style-type: none"> <li>• High Rel Electromechanical             <ul style="list-style-type: none"> <li>- Long-life (10M cycles)</li> <li>- True Hermetic, Laser Welded</li> </ul> </li> <li>• Solid State             <ul style="list-style-type: none"> <li>- PIN Diode, MEMS, GaAs</li> </ul> </li> </ul>	<b>SWITCH MATRICES</b>  <ul style="list-style-type: none"> <li>• NxM Matrices</li> <li>• Reciprocal/Non-Reciprocal</li> <li>• Blocking/Non-Blocking</li> <li>• Electromechanical, Solid-State or MEMS</li> <li>• ATE &amp; Custom Application</li> </ul>	<b>BASE STATION</b>  <ul style="list-style-type: none"> <li>• DAS, Small Cell Components/Assemblies</li> <li>• Multi-Band/Transmitter Combiners</li> <li>• Power Dividers/Combiners/Duplexers</li> <li>• Receiver Multi-Couplers/LNAs</li> </ul>
<b>HIGH FREQUENCY PRODUCTS: 30GHz – 110GHz</b>		<b>SPACE QUALIFIED PRODUCTS</b>	
<b>RADIOS and RADARS</b>  <ul style="list-style-type: none"> <li>• Low Latency (&lt;2ns) Radios</li> <li>• 60 GHz, 70/80 GHz Radios</li> <li>• Customizable Features and Services</li> <li>• X-Band to 100 GHz Radars</li> <li>• FMCW and Pulsed RFEs</li> </ul>	<b>COMPONENTS</b>  <ul style="list-style-type: none"> <li>• Mixers &amp; Upconverters</li> <li>• Frequency Multipliers</li> <li>• LNAs</li> <li>• Power Amplifiers</li> <li>• Switches &amp; Attenuators</li> </ul>	 <ul style="list-style-type: none"> <li>• L, S, C, X, Ku-Ka Bands</li> <li>• Microstrip, Coaxial and Drop-In Isolators</li> <li>• Compact Size</li> <li>• Low Loss, Temp Stable</li> <li>• High Isolation</li> <li>• Meets NASA's outgassing requirements</li> </ul>	
Renaissance Electronics & Communications, LLC		12 Lancaster County Road, Harvard, MA 01451	
		Tel: 978-772-7774	
		<a href="http://www.rec-usa.com">http://www.rec-usa.com</a>	

Renaissance Electronics & Communications LLC/HXI LLC | 978-772-7774  
[sales@rec-usa.com](mailto:sales@rec-usa.com) | <http://www.rec-usa.com> | <http://www.hxi.com>  
12 Lancaster County Road, Harvard, MA 01451

Copyright © 2012. All Rights Reserved.