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In This Issue

[67 to 71 GHz Low Noise Amplifier, HLNNAV-609](#)

[DC to 40 GHz Broadband Digital Attenuator, HDA040-069](#)

[60 to 90 GHz WR-12 x 3 Passive Multiplier](#)

[64 to 71 GHz Power Amplifier, HHPAV-592](#)

[REC/HXI Product Lines](#)

[REC Parts Catalog](#)

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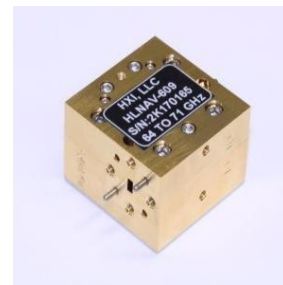
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Low Noise Amplifier 64 to 71 GHz



HXI's HLNNAV-609 Low Noise Amplifier covers the frequency range from 64 to 71 GHz. MMIC technology is employed for high reliability and repeatability. The amplifier package provides WR-15 waveguide interfaces in an in-line configuration using the standard UG-385/U flange. The amplifier can be used in receivers for communication and radar systems and also for amplification in test equipment. The LNA contains a voltage regulator and bias sequencing circuitry allowing the use of a single bias to power the amplifier.

[HLNAV-609 Datasheet](#)

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

Broadband Digital Attenuator DC to 40 GHz



HXI's HDA040-069 Digital Attenuator covers the range from DC to 40 GHz in 6-bit operation. Attenuation bit values are 0.5 dB (LSB), 1, 2, 4, 8 and 16 dB for total attenuation of 31.5 dB above the attenuator insertion loss. Low bit errors and RMS phase errors are characteristics of this attenuator. The attenuator is useful for communication systems, radars and in test equipment.

[HDA040-069 Datasheet](#)

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WR-12 x3 Passive Multiplier 60 to 90 GHz

Isolators, Circulators,
Combiners available with
volume discounts

Isolators, Circulators,
Combiners

Surface Mount SLE Isolators

A high efficiency x3 passive multiplier series covering WR-12 band (60 - 90 GHz).

Output Frequency	60 - 90 GHz
Waveguide Designation	WR-12
Multiplication Factor	3
Input Power Range	23 dBm
Output Power Range	7 dBm typ
Efficiency	3% typ
Input Connector	K-type Female
Output Flange	WR-12 UG387/U-M
Bias Required	None

[HMM3E-026 Datasheet](#)

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

Power Amplifier 64 to 71 GHz

HXIs HHPAV-592 Power Amplifier covers the frequency range from 64 to 71 GHz. MMIC technology is employed for high reliability and repeatability. The amplifier package provides WR-15 waveguide interfaces in an in-line configuration using the standard UG-385/U flange. The amplifier can be used in transmitters for communication and radar systems and also for amplification in test equipment. The power amplifier contains a voltage regulator and bias sequencing circuitry allowing the use of a single bias to power the amplifier.




[HHPAV-592 Datasheet](#)

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REC/HXI Product Lines DC to 300 GHz

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



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