



GaN-on-SiC Wideband Device

The IGN2735M30 operates over the instantaneous bandwidth covering 2.7 to 3.5 GHz in the S-band frequency range. Under 300µs pulse width and 10% duty cycle pulsing conditions, it typically supplies a minimum of 35W of peak output power.

INTEGRA TECHNOLOGIES



Surface Mount RF Transformer

The TCI-1-43X+, a surface mount RF transformer, covers a wideband frequency range of 650 to 4000 MHz. It has good return loss, excellent amplitude unbalance (0.5 dB typ) and phase unbalance (3° typ in 1 dB bandwidth), and is aqueous washable.

MINI-CIRCUITS



Voltage Controlled Oscillator (VCO)

Model CVC055CW-3050-4250 VCO operates from 3050 to 4250 MHz with a control voltage range of 1.5-18.5V. This VCO features a typical phase noise of -85 dBc/Hz @ 10 KHz offset and has excellent linearity. Output power is typically +1.5 dBm.

CRYSTEK CORPORATION



Temperature Compensating Attenuator

Model RFS4013 is a fully monolithic analog temperature compensating attenuator (TCA) featuring exceptional linearity over its entire gain control range. It is designed to offset the gain reduction of an RF component over temperature without the need for closed loop feedback.

RFMD



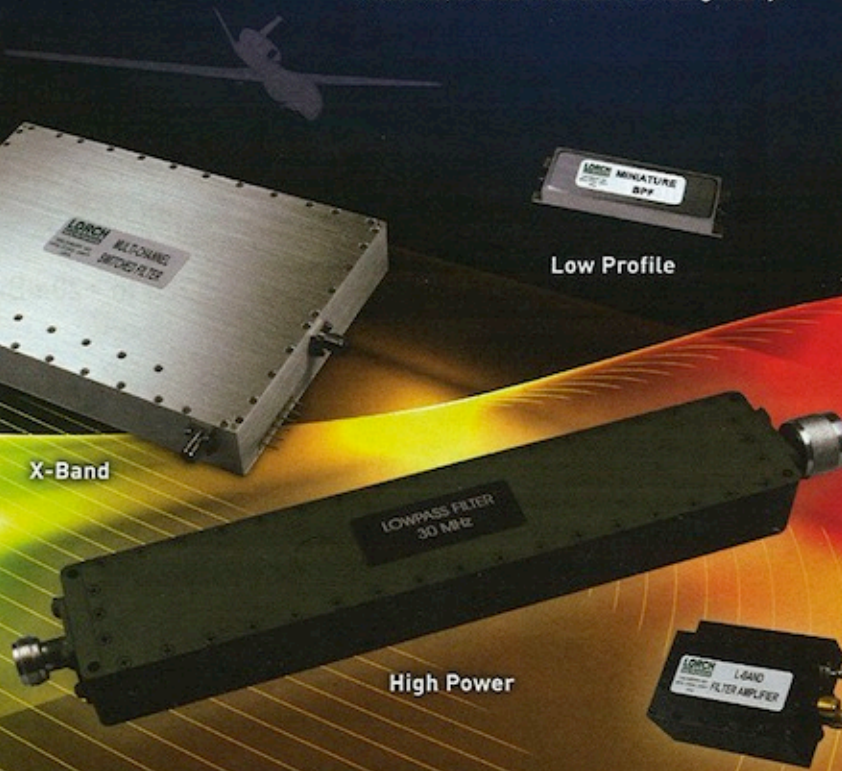
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X-Band

Low Profile

High Power

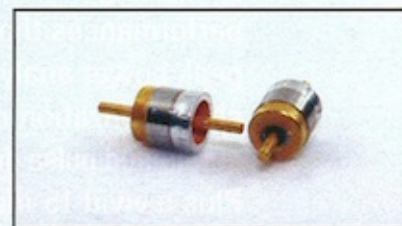


Nonlinear Vector Network Analyzer

The PNA-X nonlinear vector network analyzer has been expanded to 67 GHz. A new 67 GHz phase-reference calibration standard, configured to work with the 67 GHz PNA-X NVNA, is also now available. Using this hardware, designers can easily characterize and model components accurately up to frequencies of 67 GHz. In addition, X-parameters can be measured up to 67 GHz.

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AGILENT TECHNOLOGIES



Aluminum Compatible Feedthrough

This new aluminum weldable filtered DC feedthrough incorporates the company's exclusive Press-In knurl design. The knurl is designed to align the feedthrough and maintain its position during welding. May be ordered with or without filters. S level screening available.

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SRI HERMETICS

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