



News Release

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For immediate release

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TRAK Microwave X-Band Direct Synthesizer/Up Converter

TRAK Microwave, a Smiths Interconnect business, announced today a product release notice for Model SYN152, X-Band Direct Synthesizer/Up Converter.

This unit specializes in low residual phase noise ranging from -129 dBc/Hz -151 dBc/Hz at an X2 L-Band Multiplied Output. This unit provides fast LVTTTL switching speed between multiplied X-Band output and IF supplied output. Additional advanced features of this product include X2, X3, X4 and X17 multiplied output ports while maintaining a compact footprint of 5.46" x 3.74" x 0.41". This model is ideal for airborne applications with its low profile, hermetically sealed, laser welded package. For more information on this product, <http://www.trak.com/Files/Products/syn152.pdf>

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TRAK Microwave, an ISO 9001 & AS9100 registered company, designs and manufactures a diverse range of RF and microwave integrated assemblies, subsystems, components and time & frequency systems for defense, space and commercial applications worldwide. For more information on TRAK Microwave, visit our web site at www.trak.com.

About Smiths Interconnect

Smiths Interconnect www.smithsinterconnect.com is a leading provider of specialized electronic and radio frequency products for the wireless telecommunications, aerospace, defense, and medical markets. It is part of **Smiths Group** www.smiths.com, a global leader in applying advanced technologies for markets in threat and contraband detection, energy, medical devices, communications and engineered components. **Smiths Group** employs around 22,000 people in more than 50 countries.