

Ultra Small, Wide Frequency Range, Custom and Standard RF Filters Deliver Excellent Performance, Versatility, and Flexibility

Middletown, Ohio, April 9, 2008- The **μFILTER™** RF Filters are designed for ease of use. They are offered in both standard (**SF**) and custom (**CF**) frequency models covering a wide frequency range and occupying a small ruggedized aluminum housing which measures only 1.0" L x 0.75" W x 0.5" H.

The **μFILTER™** uses SMA connectors to provide the end user with ultimate design versatility. The connectors provide a fast and simple means to easily change between modules as your filter needs change.

The custom frequency (**CF**) modules are designed with multiple pole configurations and are offered in 4 basic filter configurations (Bandpass, Lowpass, Highpass, and Band Reject). The (**CF**) modules are designed for a typical 20% or greater bandwidth, but can be designed for a 10% to 15% bandwidth for an additional cost. The typical ranges of frequencies for the custom frequency modules are 70 MHz to 1 GHz.

The standard frequency (**SF**) modules are offered in a wide frequency range up to 2.4 GHz. The modules are comprised of both passive components and SAW based designs to enable the widest frequency range selection possible.

NuWaves Engineering has removed the time consuming efforts involved in designing, buying parts, assembly, and testing to provide a simple and cost effective solution for your filter needs. Pricing for the standard **μFILTER™** starts at **\$250 USD** in small volumes.

NuWaves Engineering is a premier supplier of RF Systems, Products, and Engineering Services designed to customer requirements. NuWaves Engineering is a RF power house, with the singular mission of delivering unsurpassed RF Design Engineering Services. NuWaves Engineering offers a wide range of engineering services to fit most RF applications. We serve the industrial, military, and commercial markets. We have several commercially available products including High Intercept Low Noise Amplifiers (**HILNA™**), Multi-Octave RF Upconverter (**RF2-3000UCV1**), and Miniature Custom Filters (**μFILTER™**). Contact Terry Tincher, Technical Solutions Manager, at 513-360-0800 ext 310 or visit our website at www.nuwaves-ltd.com for more information.

