

FOR IMMEDIATE RELEASE  
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### **Ultra-linear Production and Laboratory OTDR Makes its Debut at OFC 2004**

**Beaverton, Oregon, February 23, 2004** - One of the fundamental barriers to more accurate OTDR optical loss measurements and the extension of OTDR measurement technology to the prediction of other fiber parameters has been the inherent non-linearity of the instrument. While the Photon Kinetics 8000 OTDR already offers the industry's best linearity (0.025 dB/dB), a new measurement capability is being demonstrated for the first time at the OFC 2004 exhibition in Los Angeles improves the 8000's linearity by an order of magnitude to less than 0.0025dB/dB.

This unprecedented linearity will reduce the error in the backscatter signal to almost imperceptible levels, thereby minimizing the bias between OTDR attenuation measurements and those obtained via the cutback technique, the reference test method for measuring fiber attenuation. The 8000's high linearity will also improve the accuracy of the distributed measurements that are commonly made with the OTDR such as attenuation uniformity, as well as the accuracy of any other uniformity analyses that are based on OTDR backscatter data, such as mode field diameter uniformity.

With the availability of ultra-high linearity and the previously announced new measurement capability at the water peak (1383 nm) as well as other specialty fiber wavelengths, the 8000 OTDR further strengthens its claim as the industry's highest performance OTDR. This unparalleled performance is complemented by the most comprehensive signature analysis capability available, which includes both mode field diameter prediction and spectral attenuation modeling.

#### **About Photon Kinetics**

Founded in 1979, Photon Kinetics is a leading supplier of measurement solutions for the optical fiber, cable and component manufacturing industry. The company offers a comprehensive portfolio of optical fiber testing solutions ranging from fiber preform analyzers to characterization systems for critical fiber geometry and transmission parameters. It also provides a complete line of tools and automated systems that reduce the cost of the optical fiber preparation and alignment activities that are part of virtually every test process. These tools include both single and multiple fiber aligners as well as fully automated fiber preparation and alignment systems. Photon Kinetics products are sold and supported in over 70 countries.

For more information on Photon Kinetics or any of our products and services, please visit our website at [www.pkinetics.com](http://www.pkinetics.com).

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