PHOTON KINETICS

EnvirOTDR

High precision change-in-loss measurement capability for optical fiber, cable and component design qualification

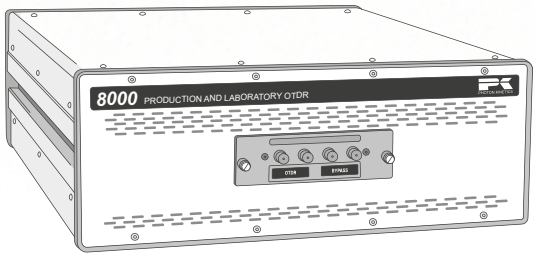
Features

Patented Change-in-Loss Test Method

- Provides measurement precision over 10 times better than typical change-in-loss specifications with 4-sigma repeatability better than 0.004 dB over 40 days.
- Enables characterization of extremely short fiber and cable lengths, as well as pigtailed components.
- Compatible withe any configuration of the industry-leading, multi-wavelength 8000 Production and Laboratory OTDR.

Comprehensive Test Automation Software

- Provides ability to define and simultaneously execute a virtually unlimted number of environmental or mechanical tests using a single test instrument.
- Test samples in multiple environmental chambers or setup in specific test fixtures/rigs can either be optically switched or concatenated.
- EnvirOTDR Test Scheduler obtains and displays loss measurement data, as well as temperature, tension, bend radius etc., as a function of time.



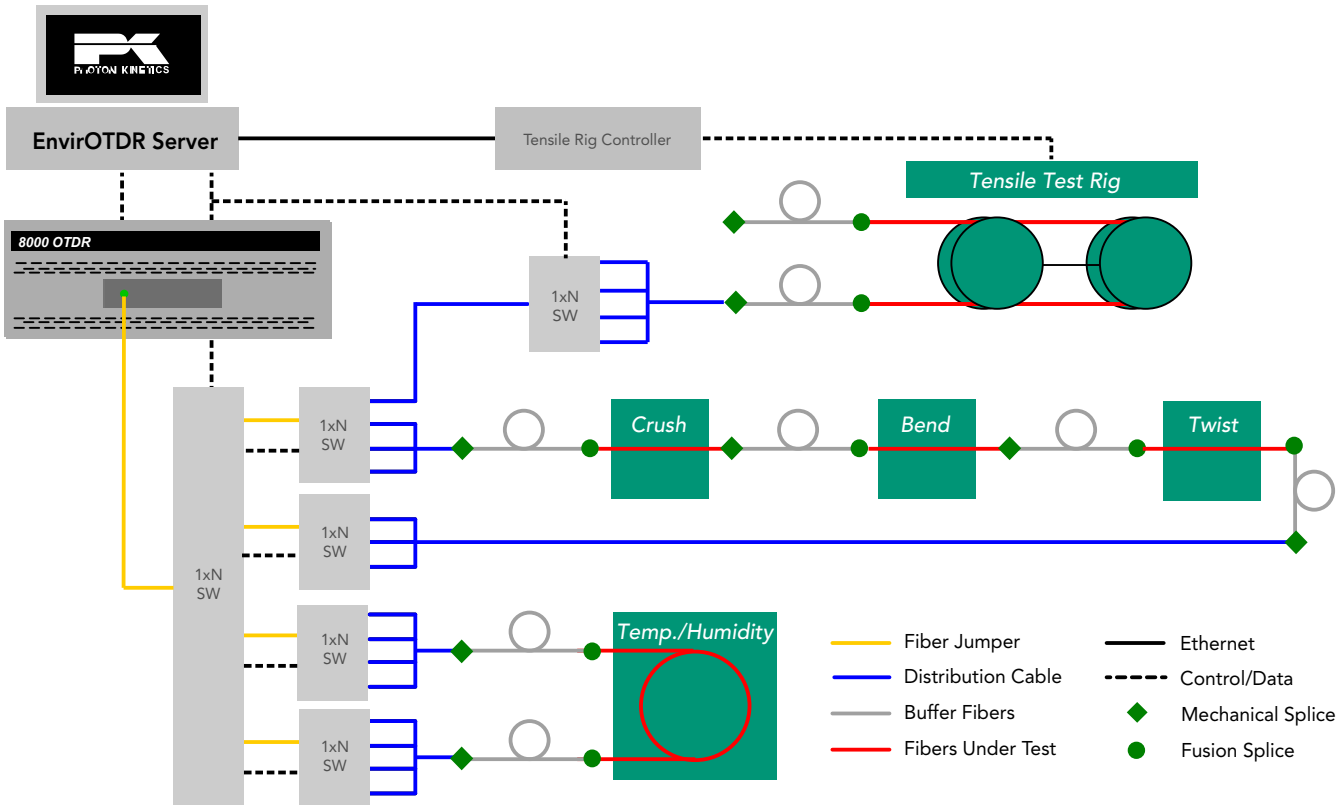
Enviro-mechanical Testing

For more information contact
sales@pkinetics.com

Specifications

Measurement	
Standards and Methods	IEC 60793-1-40, Monitoring Changes in Optical Attenuation, Method B Backscattering
Performance	
Repeatability [1]	< 0.004 dB
Configurations	
Compatible Fibers	Standard single-mode (IEC Type B)
OTDR Configurations	8000 OTDR, 86000 Series [2]

Notes:
1. *4-sigma, 40-day test.*
2. *Recommended. Other 8000 configurations can be used.*



EnvirOTDR Cable Qualification
Test Cell Example

Photon Kinetics, Inc.
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ISO 9001:2015 certified. Printed in USA.
Specifications subject to change without notice

pkinetics.com

90-0895-01 Rev A
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