

High-Resolution

Optical Time-Domain Reflectometer



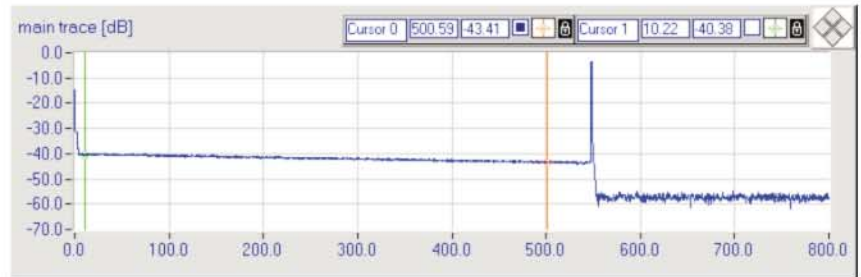
Photon-Counting Technology

High Sensitivity

mm-Resolution

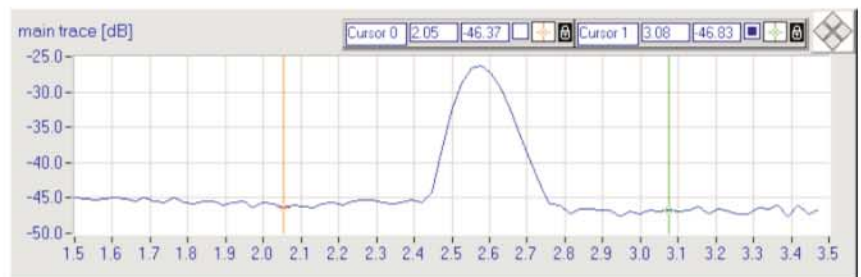
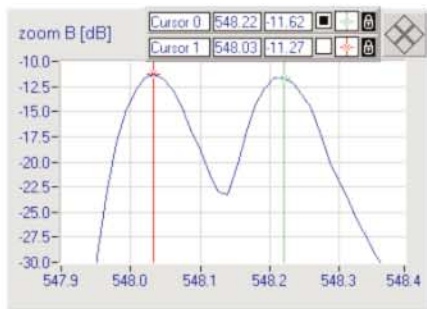
Various wavelength and fiber options including POF

The v-OTDR is a short-distance, high-precision optical time-domain reflectometer. It measures damages, reflections, bend losses and distributed attenuation in optical fibers. It offers mm-resolution over a range of up to 800 meters. These unique features are obtained by a combination of photon-counting technology with high-precision timing electronics. An external computer with a user-friendly graphics interface processes and stores measurement data. A standard USB interface is used for data transmission. The software offers several possibilities for convenient data analysis.



Specifications

Fiber type: single mode, multimode, POF
Standard wavelengths: 500 (POF only), 650, 830 nm
Sensitivity: -110 dBm
One-point resolution: < 5 mm
Two-point resolution: < 10 cm
Dynamic range: >25+10 dB (loss measurement)
Measurement distance: 0 - 800 m
Interface: USB type 1
Operating systems: Windows 98 SE, 2000
Hardware requirements: Pentium processor, >32 MB RAM
min. 800x600 display resolution
USB port
Dimensions (width x height x depth): 260x90x265 mm
Weight: 3 kg



Options

Several options are available. Luciol offers customized hardware and software solutions to meet your special requirements. Contact us!

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LUCIOL INSTRUMENTS SA

31 chemin de la Vuarpillière
CH-1260 Nyon
Switzerland
Tel: +41-22 362 37 20
Fax: +41-22 362 37 47
email: info@luciol.com
www.luciol.com