

### For High-Resolution Measurements at Short Distances

## New OTDR Module for the MTS-6000A Platform

The inspection of optical fibers in submarines and aerospace is extremely challenging. Fiber optic cables are installed in tight spaces that are not easily accessible and are subject to harsh environmental conditions, such as large temperature fluctuations and vibrations. Yet regular inspection is still necessary.

For those applications LASER COMPONENTS now introduces Viavis most compact OTDR module, which is available for very short multi-mode fiber optic paths: the 8123AV for the MTS-6000A platform.

The 8123AV has extremely short dead zones (20cm or 40cm) and a dynamic range of 16dB at a pulse width of only 1 ns. This combination makes the OTDR immune to high reflections in the system. This allows even short lengths and intervals between events to be determined precisely.

Measurement is carried out in AUTO mode. To simplify operation, the measurement result can either be shown in a graphic representation or in symbols. This also makes it easier for non-specialists to analyze the measurement results.

Predefined measurement configurations can be stored in the device and are available for special measurement requirements at any time.

### More Information

[www.lasercomponents.com/de-en/product/high-resolution-multi-mode-otdr/](http://www.lasercomponents.com/de-en/product/high-resolution-multi-mode-otdr/)

### Trade Shows

**SHOT Show**, January 16, 2017, Las Vegas, NV, USA, **Table Top**

**SPIE Photonics West**, January 13 - February 02, 2017, San Francisco, CA, USA, **Booth 2023**

**MD&M West Expo**, February 07-09, Anaheim, CA, **761**

**Automate 2017**, April 3-6, 2017, Chicago, IL, USA, **Booth 2661**

**Breko 2017**, 25-26 April 2017, Messe Frankfurt, **Booth 53**

**SPIE Defense + Commercial Sensing**, April 11-13, 2017, Anaheim, CA, USA, **628**

### The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 200 employees worldwide.