



Live demo at Europe's large exhibition booth 1223 (German Pavilion)

## NEW! Pitch Perfect 14G parallel BER tester



**Truly the best solution for data rates from 2 to 14.4 Gbit/s covering also SATA, SONET/SDH, Infiniband FDR, HDMI and Fibre Channel 16G**

LUCEO announces the 14G parallel BER-Tester. Applications include:

Fibre Channel: 2GFC, 4GFC, 8GFC, 10GFC, 16GFC  
SONET: OC-48, OC-192  
SDH: STM-16, STM-64  
Infiniband: SDR, DDR, QDR, FDR

With the unique modular PARALLEX® platform we provide a test solution to expand current test equipment to parallel applications such as QSFP and AOC. Channel count is 4, 10, 12, 24 and beyond.

### Welcome

Latest news:

++++

*Berlin, Germany:* We are introducing

ROGER H. BRÜGGEMANN

as Director for worldwide Sales and Marketing. Roger combines his experiences from sales, physical engineering and optics in his new role.

++++

*Palo Alto, CA, USA:* Also we are happy to welcome

BENTIVE, LLC

as the new Rep for US West coast. Bent was with Synthesys Research and is well known for his high knowledge level of this technology and applications.

++++

*Geneva, Switzerland:* We are greatly looking forward to participating in the ECOC event in Geneva next week, where we will be present the new modules of this newsletter.

**VISIT US AT BOOTH  
1223 on ECOC!**

### New Optical Modules

Extend the functionality of the Parallelex® and X-BERT family with a selection of optical functions for components testing.  
Read more...

## New modules for circuit and transceiver testing



### New Optical Spectrum Analyzer module



OSAs are used in Telecommunication, Active and Passive Component development and many applications using light sources. It is a cost effective solution to verify wavelength of WDM transceivers during production. The OSA is available for C- and L-band.

- High Accuracy
- C – Band or L – Band version
- Various optical connector styles
- Low cost
- LabView™ drivers available
- Small size: width 50.8mm (2")

### New Optical Switch

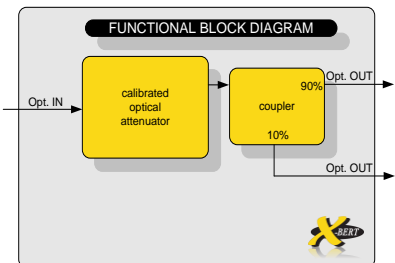


The Optical Switches are available for Single-mode (1310/1550 nm) and Multi-mode (850 nm) applications. We could provide 1x2, 1x4 and 1x8 switches. Various connector types are supported. Our X-BERT GUI software automatically detects the module. LabView™ drivers allow easy to use software tools to include in user specific setups. Control via GPIB, LAN and USB is supported.

Wavelengths  $\lambda$ : 1290-1330 nm  
1530-1610 nm

LabView™ is registered trademark of National Instruments

### Variable Optical Attenuator



Variable Optical Attenuators with 10% monitor output for sensitivity measurements of optical components. Multi-mode fibers for 800 - 1000 nm or Single-mode fibers from 1270 - 1590 nm are supported.

### About LUCEO

LUCEO Technologies GmbH was created by engineers involved in electrical circuit and optical transceiver design, who recognized critical gaps in test and measurement equipment for optical component and transceiver characterization. Luceo's test system is the first to combine a complete BERT test solution, with affordable cost and German build quality. Targeted at high volume production test applications, Luceo's equipment optimizes speed and ease-of-use, allowing users to achieve minimum cost-per-test. Founded in 2005, Luceo is headquartered in Berlin, Germany. For more information, visit [www.luceotec.com](http://www.luceotec.com)

