

Press release

Sorting Live and Dark Fibers: Visible Invisible Light Detector RIF-510LS

Wessling, 06 August 2009 The RIF-510LS meets the needs of field service personnel and technicians who require a simple handheld instrument for quickly sorting out live and dark fibers in the 630 nm to 1600 nm range.



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The light indicator RIF-510LS – a cheap but necessary tool for fiber installation

At wavelengths above 700nm light cannot be seen by the human eye, making the inspection of connector end faces using a microscope or other magnifying devices potentially dangerous. By incorporating light detection tests using the 510LS into workplace safety procedures, accidental eye exposure to hazardous, invisible, laser radiation can be avoided. The 510LS uses a unique optical interface that works with both connectorized and bare fibers.

The detector port of the instrument consists of a unique light blocking curtain and an optical funnel (light trap) that are the basis for its wide dynamic sensitivity range – from -55dBm (3nW) to +25dBm (300mW).

This patented design (U.S. Patent No. 5,612,780) also allows light identification under bright ambient conditions. The 510LS has a single control – a pushbutton test switch. If light within the specified wavelength range is detected after the switch is pressed, the instrument illuminates an LED indicator on the front panel and beeps for three seconds. A second LED indicates the condition of the two AA-size alkaline batteries that power the 510LS.

Users can expect the batteries to last a full year under typical field conditions.

For more information visit www.laser2000.de

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About Laser 2000:

Laser 2000 Fiberoptic has different branches of activity where all of them are dedicated to fiber optics or photonics. In the fiberoptics field Laser 2000's offering comprises a large variety. Starting from optical patchcords, attenuators and transceivers like GBICs and SFPs it ranges to easy to deploy CWDM and DWDM solutions.

Furthermore aggregation and optical transport for access, metro and regional networks are a fix part of the portfolio. With different quality partners Laser 2000 is able to provide the right solution for its customers. As Laser 2000 is very knowledgeable in the optical domain they can even tailor dedicated solutions for special needs.

Laser 2000 offers additionally test and measurement equipment for installers and operators of fiber optical networks.

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