

OP415 – For Multi-Fiber Cable Assembly

Testing the Polarity of MPO Cables at a Glance

LASER COMPONENTS introduces OptoTest's OP415 polarity analyzer, which offers a fast and efficient way to check the fiber assignment and channel configuration of MTP/MPO cables. Its integrated color display allows the user to see the paths of all the individual channels at a glance. The device is designed for tests on 24-fiber connections but can easily be adapted to variants with 8 and 12 fibers by simply replacing the cover plate with one that offers the respective slots. Twelve-fiber and 24-fiber polarity types A, B, and C have been preinstalled, but the OP415 is also capable of storing custom polarities.

In addition to the pre-programmed settings, cables can be checked "manually" using the visual fault locator (VFL). Twenty-four red lasers (650 nm) check each fiber individually. This method makes work considerably easier – especially when using fibers without color coding.

The OP415 was primarily developed for lab use and offers decisive advantages, for example in the production of optical flat ribbon cables. The assignment of the individual channels is an important factor in the functionality of MTP/MPO cables.

More Information

www.lasercomponents.com/de-en/product/polarity-analyzer-for-mpomtp-connectors/

Trade Shows

Photonex Europe, October 10 – 11, 2018, Ricoh Arena, Coventry, UK, **Booth D15**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 – 16, 2018, Munich, Germany, **Booth B3.524**
SPIE Photonics West, February 05 – 07, 2019, San Francisco, USA, **Booth 1751**
ATX West Automation, February 05 – 07, 2019, Anaheim, CA, USA, **Booth 4166**
BREKO, March 27 – 28, 2019, Wiesbaden, Germany
Automate, April 08 – 11, 2019, Chicago, IL, USA, **Booth 8536**
SPIE DCS, April 16 – 18, 2019, Orlando, FL, USA, **Booth 524**
ANGACOM, June 04 – 06, 2019, Cologne, Germany
Sensors Expo & Conference, June 25 – 27, 2019, San Jose, CA, USA, **Booth 419**
LASER World of PHOTONICS, June 24 – 27, 2019, Munich, Germany
SPIE Optics+Photonics, August 13 – 15, 2019, San Diego, CA, USA

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 220 employees worldwide.