

Separate Port for Reflected Signal

Fibre Optic Switch for LiDAR Applications

LASER COMPONENTS presents the Agiltron Crystalatch (CL) series of optical switches that are specifically designed for sensor and LiDAR applications. The CL 1x6 switch assigns the incoming signal to one of the six available output ports and simultaneously detects the reflected signal via a dedicated sensor port. It is designed for permanent, fail-safe live operation under strong vibrations, and works perfectly even at temperatures of -40°C.

A magneto-optical solution is applied to minimise optical signal losses. The circuitry is carried out in a patented configuration without mechanical components - the integrated circulator is activated via an electrical control signal. Due to the latching function (flip flop), the selected optical output remains active even after the driver signal is switched off. Thanks to their low insertion loss, the CL switches are highly efficient.

More Information

www.lasercomponents.com/uk/product/optical-switches-multi-mode/

Trade Shows

SPIE Optics+Photonics, August 19 - 23, 2018, San Diego, CA, USA, **Booth 527**
Photon 2018, September 04 - 05, 2018, Aston University, **Booth 5**
SPIE Security & Defense, September 11 - 13, 2018, Berlin, Germany **Stand 403**
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, Messe München, Germany, **Booth B3.524**

The Company

LASER COMPONENTS specialises 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.