

Low-loss multi-wavelength light source for airports

A hybrid integrated narrow linewidth multi-wavelength laser connecting the monolithically integrated 8-channel NL-MLA to the commercial 8 × 1 PLC coupler by the PWB technique is ...

Configured with 2 different intensities (low and high), variable lighting can be used during general search and photography to not only save battery life, but also increase evidence fluorescence. The MF ...

Mightex WFC-series multi-wavelength fiber-coupled light sources are enabled by the latest LED technologies, and Mightex's proprietary beam combining and coupling optics. Up to eight (8) LEDs ...

Offering wavelengths from UV to LWIR (210nm to 10⁶m), these lasers are available in pulsed and continuous-wave configurations, including nanosecond and picosecond tunable options and ultra ...

Here, we demonstrate a multi-wavelength multi-port source based on a Kerr microcomb followed by a monolithically-integrated demultiplexer, which autonomously locks to and tracks the comb lines.

In this study, we propose a CQW-activated multiwavelength laser source, combining the unique advantages of CQWs with the extensive ...

Designed to meet CW-WDM MSA specifications, the Laser 1300 Series allows customers to characterize photonic integrated circuits for AI, HPC and high-density optics ...

Despite recent impressive advances, developing such a quantum light source with high quality remains challenging. Here a multi-wavelength quantum light source using a silicon nitride ...

ALS are a configuration of signal lights starting at the landing threshold and extending into the approach area a distance of 2400-3000 feet for precision instrument runways and 1400-1500 feet for ...

In this study, we propose a CQW-activated multiwavelength laser source, combining the unique advantages of CQWs with the extensive applicability of fiber technology.

The authors showcase a compact, energy-efficient multi-wavelength light source for scalable multi-Tb/s optical links.

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