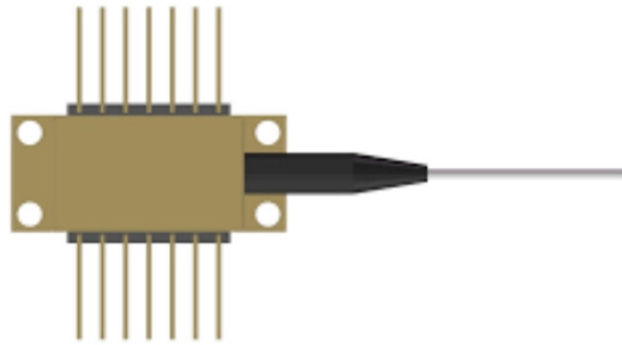


## Optical Module Spray



## Optical Module Spray



GIGALIGHT offers 10G to 800G rates immersion pluggable optical modules for liquid cooling data centers and 5G fronthaul networks.



Liquid-cooled optical modules are particularly well-suited for high-power consumption scenarios such as AI/GPU clusters, supercomputing centers, and green data centers. They can ...



Everything you need to build an optical network from end-to-end.



Global spray imaging using extended backlight or light sheet illumination is supported as well as high resolution imaging of  $\mu\text{m}$ -droplets. SprayMaster systems are easy to operate, fast and efficient ...



Using the patented SpraySpy® technology, atomization in extremely challenging environments, such as explosive atmospheres can be analyzed. This provides new options in research and development ...



Another active method is spray and jet cooling. In this paper, we explore spray cooling as an attractive active cooling option for higher heat flux demands, as envisaged in new LEDs designs.



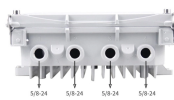
Good heat control gives you steady performance and helps keep electronics safe. A liquid-cooled optical module helps move data fast and stay cool. It has a design that lets liquid flow inside or around it. ...



In these modules, spray operators are provided an overview of the spraying systems available, details on pulse width modulation (PWM) systems. Specific information is provided on single-line and multi ...



A deep dive into Conformal coating—covering high-speed signal integrity, thermal management, and power/interconnect design—helping you build high-performance data center ...



View the TI Optical module block diagram, product recommendations, reference designs and start designing.

## Contact Us

For more information, pricing, or custom data center solutions, please contact us:

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