



ELSFP 1311nm Uncooled VHP

Optical power class VHP: 20dBm/lane

Users can anticipate stronger signals and less attenuation over distances, reducing the need for frequent repeaters and boosting the overall efficiency and reliability of data transmission networks.

Wavelength: 1311nm

This wavelength allows for optimal performance in various applications including Metropolitan Area Networks (MANs) and data center interconnects, providing flexibility and robustness in network configuration and expansion.

8 Optical Lane Output

Enables higher data throughput, making it a suitable choice for networks with high data demands, improving overall network efficiency and reducing congestion.

Case Temperature Range: 15 °C ~ 70 °C

Assures stable performance in a variety of settings, offering versatility and ensuring longevity by withstanding extreme conditions.

Power Consumption: < 10W

Reduces operational costs and contributes to a lower carbon footprint, promoting an environment-friendly network solution.

Compatibility with Multiple CPO/NPO Modules

Allows for seamless integration into existing networks and simplifies upgrades, ensuring that your network remains scalable and future-proof, adapting to evolving technology landscapes without hefty overheads.



AOI is set to showcase its latest products and developments at OFC 2024 from March 26th to 28th. We invite you to visit us at AOI Booth #1831 to learn more and engage with our offerings.



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800G OSFP DR8 LPO

High Bandwidth Linear Transceivers

High bandwidth, good linearity SiPh modulator, driver and TIA for excellent module performances.

Excellent Sensitivity and BER floor

Excellent sensitivity and BER floor demonstrate strong compatibility and interoperability, resulting in outstanding performance when deployed in datacenters.

Good TDECQ Performance

Good TDECQ even at high system loss, not only meets IEEE spec (<3.4dB) and also has good margin. Excellent TDECQ performance provides good signal quality and integrity for system signal transition.

Case Temperature Range: 0 °C ~ 70 °C

Assures stable performance in a variety of settings, offering versatility and ensuring longevity by withstanding extreme conditions.

Lower Power Consumption

Reduces operational costs and contributes to a lower carbon footprint, promoting an environment-friendly network solution.



About AOI

AOI (NASDAQ: AAOI) is a leading developer and manufacturer of advanced optical products, including components, modules and equipment. AOI's products are the building blocks for broadband fiber access networks around the world, where they are used in the internet datacenter, CATV broadband, telecom and FTTH markets. AOI supplies optical networking lasers, components and equipment to tier-1 customers in all four of these markets. In addition to its corporate headquarters, wafer fab and advanced engineering and production facilities in Sugar Land, TX, AOI has engineering and manufacturing facilities in Taipei, Taiwan and Ningbo, China. For additional information, visit www.ao-inc.com.



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