Optical Module AOP

SMALL, FAST AND POWER EFFICIENT Amphenol AOP 300Gb/s Leap® High-Speed Optical Module is faster, smaller, more cost and power efficient than most conventional datacenter interconnects.

On-board optical transceiver solutions designed and manufactured by Amphenol AOP in Berlin, Germany.

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Amphenol Optical Transceivers deliver exceptionally high speeds while adhering to size, weight, power, and cost (SWaP-C) constraints. They occupy minimal space and weight in your assembly, making ...

Amphenol AOP "Quad Embedded Pluggable Transceiver" is the ideal form factor to optimize datacenter or supercomputing architectures, thanks to its density and versatility.

Leveraging LPO technology, the module provides ultra-low-latency, power-efficient optical links tailored for AI, high-performance computing, and ...

The LEAP® OBT socket has been designed to host the LEAP OBT optical modules (standard & rugged). The socket is soldered onto the PCB. The LEAP® OBT evaluation kit allows assessing and ...

With over 21 years of expertise, we offer advanced optoelectronic products, RF and optical packaging, and optical engine integration designed for demanding applications in harsh environments.

Amphenol AOP 100Gbps QEPT® High-Speed 4-TRX Optical Module - Quad Embedded Pluggable Transceiver - rugged, it is designed for extended temperatures and highly challenging applications ...

Leveraging LPO technology, the module provides ultra-low-latency, power-efficient optical links tailored for AI, high-performance computing, and hyperscale data center applications.

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