

DAC High-Speed Cable EML Pricing Guide



Overview

An engineer-focused, “just tell me what to choose” guide to transceiver selection with architecture, power budget, compatibility, and upgrade plan — designed for 25G/100G today and 400G/800G tomorrow. Optical modules vs DAC: what changes at 400G link budgets?

Which option should you choose?

Optical modules vs DAC: what changes at 400G link budgets?

Your. OSFP Cables (OSFP DAC Cables) by Amphenol Now In-Stock at Speeds up to 800. 0 Gbps with 1600 Gbps Coming Soon! Amphenol is the largest OSFP Direct Attach Cable (DAC) manufacturer worldwide and Cables on Demand offers the public factory-direct access to the same 400G and 800G OSFP DAC Cables powering. Amphenol's SFP-DD cable assemblies are designed to support applications for Ethernet. The Amphenol SFP-DD products offer an ultra-high-performance, cost-effective solution for 100G aggregate speed applications in switches, routers, data storage arrays, and high-performance

computer (HPC) clusters. It integrates multiple optical interfaces into a compact form factor, typically offering eight lanes of high-speed transmission supporting various. Volex is a leading manufacturer and supplier of Direct Attach Copper (DAC) cables The Volex DAC cable product family includes cable assemblies with Small Form-factor Pluggable (SFP), Quad Small Form-factor Pluggable (QSFP), and Octal Small Form-factor Pluggable (OSFP) single and double density. On-Site, Remote, Demo, and Online Support Options Personalized Technical Services Tailored to Each Project Simplify Network Design with FS Design Center Tool Tech Support Optical Transceivers Testing Take a look at our test program to get the reliable and high-performance optical transceivers Learn.

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The Amphenol SFP-DD products offer an ultra-high-performance, cost-effective solution for 100G aggregate speed applications in switches, routers, data storage arrays, and high ...



A 400G upgrade often stalls at the same question: should you buy optical modules or direct attach copper (DAC)? This decision guide helps network, facilities, and vendor-management ...



Our high-speed EML chip delivers excellent bandwidth and optical signal quality for high-speed datacom links. These high-performance, high-reliability devices are engineered and qualified for cost-effective ...



The Amphenol SFP-DD products offer an ultra-high-performance, cost-effective solution for 100G aggregate speed applications in switches, ...



DAC cables provide short-range, high-speed connectivity using copper cables. Passive DACs have minimal electronics and therefore draw very low power (typically less than 0.1 W since ...



Our OSFP Cable line-up is OSFP MSA compliant and protocol agnostic for worry-free integration into 200/400/800-Gigabit Ethernet and InfiniBand networks.



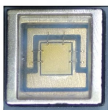
Check Juniper Networks QFX-QSFP-DAC-1M Compatible 40G QSFP+ DAC ...



A 2026-ready, engineer-focused guide comparing SFP, SFP28, QSFP28, QSFP-DD and OSFP transceivers. Learn decision rules, deployment use cases, cost/risk factors, and compatibility ...



Learn about direct attach copper (DAC) cables and splitters for GPU-accelerated computing. CablesTEC's Direct Attach Copper Cable (DAC) is the lowest cost solution for creating 10G-800G ...



DAC cable from Volex is offered with many different form factors, total speeds, lane speeds and lengths in straight and various breakout configurations. See table below:



DAC cables are high-speed, hot-pluggable factory terminated cables designed for data center and networking applications.

Contact Us

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