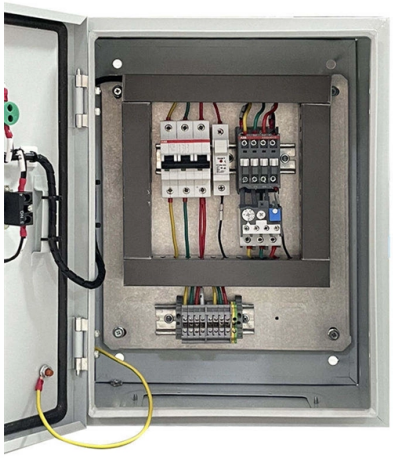
DAC high-speed cable brand



Overview

Twinax DAC Cable Guide for High-Speed NetworksLearn how Twinax DAC cables work, compare Passive vs Active DAC, and choose the right DAC, AOC, or fiber solu.

Key Takeaways

Top DAC high-speed cable brands include Siemon, Volex, and BizLink, offering reliable, low-latency, and high-performance solutions for data centers.

Leading DAC Cable Brands

Siemon Siemon provides a wide range of high-speed interconnects, including Direct Attach Cables (DAC), Active Copper Cables (ACC/AEC), and Active Optical Cables (AOC).

Their DA

C cables support speeds from 10G to 800G, with form factors such as SFP, QSFP, QSFP-DD, OSFP, and SFP-DD. Siemon cables are independently tested for interoperability with major equipment manufacturers, making them suitable for low-latency, high-quality data center connections. Volex Volex offers both active and passive DAC cables with support for speeds ranging from 10Gbps to 1.

6Tbps. Their product line includes SFP, QSFP, and OSFP modules, available in straight-through and breakout configurations.

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Volex DA

C cables are designed for short-distance in-rack connections (1–5 meters), providing low power consumption, high reliability, and customizable options such as pull-tab colors, low-smoke zero-halogen jackets, and EEPROM programming.

Biz

Link Biz

Link specializes in 100G DAC cables, including QSFP28 direct attach solutions. Their cables are optimized for low loss and high-speed data transfer, making them suitable for demanding data center environments where performance and reliability are critical.

Key Features of DAC Cables

Construction: Shielded Twinax copper with factory-terminated pluggable modules on both ends. Form Factors: SFP+, XFP, QSFP, QSFP28, OSFP, and SFP-DD. Applications: Short-distance interconnects in Top-of-Rack (ToR) or adjacent rack setups, connecting switches, servers, storage devices, and InfiniBand systems.

Advantages: Low cost, low latency, minimal power consumption, and high reliability compared to optical cables. Configurations: Straight-through or breakout (fanout) cables for connecting different speed ports.

Summary

For high-speed DAC cables, Siemon, Volex, and BizLink are among the most recognized brands, offering a variety of speeds, form factors, and configurations suitable for modern data centers. When selecting a DAC cable, consider speed requirements, distance, form factor compatibility, and whether active or passive cables are needed to ensure optimal performance and reliability.

Article Content

Twinax DAC Cable Guide for High-Speed Networks

Learn how Twinax DAC cables work, compare Passive vs Active DAC, and choose the right DAC, AOC, or fiber solution for high-speed data centers.

DAC vs AOC Cables: The Complete Data Center Guide

Discover the differences between DAC, AEC, and AOC cables for data centers. Compare length, speed, power, cost, and use cases with simple tables

DAC Cables | 100G High-Speed Connectivity

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Explore our wide range of high-performance products in this category. Our solutions are engineered for maximum reliability and can be customized to meet your unique needs.

Direct Attach Copper (DAC) Cables

High-speed Volex Direct Attach Copper (DAC) cables deliver reliable, energy-efficient data transfer for data centers. Customizable, tested and ready to deploy.

What is DAC Cable? The Definitive Guide

A DAC cable is short for direct-attach copper cable. It is a pre-terminated Twinax copper cable assembly with two pluggable connectors,

Top 10 Companies in the Direct Attach Copper Cable Market (2025 ...

As global digital transformation accelerates across industries, the critical connectivity provided by Direct Attach Copper (DAC) cables enables high-speed data transmission between

AOC, DAC, ACC & AEC □NADDOD

Designed for high-density signal transmission with cable lengths reaching up to 150 meters, they are compatible with more than ten mainstream brands, including Cisco, Arista, Dell, NVIDIA/Mellanox,

Understanding High-Speed Copper Cables: DAC, ACC, and AEC

In summary, DAC, ACC, and AEC cables each have their own advantages and play distinct roles in high-speed, low-latency data center interconnects. ACC is suitable for medium-to-short

2026 DAC Guide: High-Speed Direct Attach Cables for AI Fabrics

A Direct Attach Cable (DAC) is a factory-terminated high-speed cable assembly that behaves like "fixed" transceivers with a permanently attached copper or fiber cable.

DAC Cable, Copper Cable, Direct Attach Cable, Twinax Cable

10Gtek® Direct Attach Copper Cable (DAC) is a twinax copper cable assembly. With the features of the low cost, low power consumption and low latency, it is an alternative to optical transceivers for short

High-Speed 10G SFP+ DAC Cable 3M

Find many great new & used options and get the best deals for High-Speed 10G SFP+ DAC Cable 3M - Passive Copper Twinax Direct Connect at the best online prices at eBay! Free

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Axiom InfiniBand SFP DAC Cable 1m High-Speed – TRINCOS

Axiom InfiniBand SFP DAC cable delivers high-speed data transmission for data centers and enterprise networks. Get yours today.

Axiom QFX-QSFP-DAC-3M-AX High-Speed DAC Cable – TRINCOS

Data center environments that require robust and high-speed connectivity will benefit greatly from the Axiom QFX-QSFP-DAC-3M-AX cable. Tailored for connecting switches, servers, and network

40GBASE-CR4 QSFP+ to 4x10GBASE-CU SFP+ Passive DAC Cable

40G to 4x10G BreakoutThe cable splits one 40GBASE-CR4 QSFP+ connection into four separate 10GBASE-CU SFP+ connections, enabling connection to four 10 Gigabit devices from a single 40

Axiom ET5402-DAC InfiniBand 3M Fibre Optic Cable SFP+

Axiom ET5402-DAC 3M InfiniBand fibre optic cable for SFP+ devices. Ideal for data centers needing efficient connectivity. Order today.

FS and Luxshare Expand Partnership to Launch High-Speed 1.6T and

FS partnered with LuxshareTech to launch 1.6T and 800G OSFP DAC cables, designed for the demands of hyperscale data centers and HPC networks.

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP?

In addition, SFP+ direct connect cables (i.e., SFP+ DAC high-speed cable and AOC active fiber optic cables) connect two SFP+ ports without the need for additional optical modules and cables

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