Industrial-grade DAC high-speed cables



Overview

Direct Attach Cables are pre-terminated high-speed twinax copper cables with integrated transceivers. Unlike discrete transceivers plus patch cords, DACs consume near-zero power and generate almost no heat, making them ideal for short-range (1–5 m) in-rack links. 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 modules. DACs are widely used in data centers to connect servers and GPU computing systems to top-of-rack (TOR) switches for short distances within or. A DAC high-speed cable is a type of high-speed cable designed for short-distance, high-speed data transmission. This cable supports data. AMPCOM AOC (Active Optical Cables) and DAC (Direct Attach Cables) provide cost-effective, plug-and-play connectivity for data centers, HPC, and enterprise networks. Supports 10G/25G/40G/100G/400G with low power consumption and high reliability. Unlock 100G performance with BizLink's DAC cables.

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Article Content

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.

High-Performance Direct Attach Cables (DAC) | Industry-Leading ...

Premium Direct Attach Cables (DAC) offering superior connectivity solutions with data rates up to 800G. Custom lengths, low latency, and compatibility guaranteed by a trusted manufacturer.

Data Center High-Speed DAC Cables – CablesTEC

Designed by the GIGALIGHT R&D team and manufactured by CablesTEC''s Yancheng factory, each cable has undergone rigorous performance testing.

Global DAC High Speed Cable Market 2025 by Manufacturers,

A DAC high-speed cable is a type of high-speed cable designed for short-distance, high-speed data transmission. It features fixed connectors at both ends and transmits electrical signals directly

AMPCOM AOC & DAC Cables – High-Speed Active

AMPCOM AOC (Active Optical Cables) and DAC (Direct Attach Cables) provide cost-effective, plug-and-play connectivity for data centers, HPC, and enterprise

DAC Cables | 100G High-Speed Connectivity

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.

SFP-DAC Series

The AMG SFP-DAC-10G series are industrial high speed Direct Attach Cables (DAC) offering transmission of 1Gb or 10Gb Ethernet data using passive Twinax

High Speed Cable [Design & Buy] | C.C.P. Contact Probes

Ultra thin, high quality passive DAC network cables with data rates of up to 100Gbps. We offer variable cable length and customization if needed. Advanced

Direct Attach Copper (DAC) Cables | Amphenol

Direct Attach Copper (DAC) Cable Assemblies for High-Speed Data Centers Direct Attach Copper (DAC) cable assemblies provide a cost-effective, low-latency solution for high-speed

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High-Speed Direct Attach Cable (DAC) Assemblies

Molex High-Speed Direct Attach Cable (DAC) Assemblies deliver data rates as high as 100Gbps with cable lengths ranging from 0.50m to 5m.

Direct Attach Cable (DAC) Assemblies

Direct Attach Cable (DAC) Assemblies High-speed I/O passive cable assemblies that can deliver data rates as high as 400 Gbps with a variety of lengths or

High-End Audiophile USB Cables | Best USB Cables for Audio

Upgrade your audio with Wireworld''s audiophile USB cables. These high-end cables offer a natural tone, dynamic sound, and superior musical experience.

High Speed I/O Cables | High Speed Cable Assemblies

Where Speed Meets Reliability in Copper Cabling Amphenol is the industry leader in high-speed I/O cables, offering expertly designed,

Full understanding of DAC high-speed cable

DAC high-speed cables are designed to support high-speed data transfer rates of up to 400 Gigabits per second (Gbps) and beyond. Commonly

DAC Cables Explained: Do They Matter, How to

Discover the differences between passive and active DAC cables, how to choose the right one, and explore top picks for every budget in our 2025

High-speed DACs (>10 MSPS) | TI

Our high-speed digital-to-analog converter (DAC) portfolio offers solutions for high speed conversion applications including aerospace, defense, wireless, industrial and test. Enable your system designs

Understanding Common Types of DAC and AOC High

In today''s data-driven world, high-speed connectivity is crucial for data centers, enterprise networks, and high-performance computing. Two popular

Why Zhaolong Uses High-Speed Parallel Lines for DAC

Better Signal Integrity: High-speed parallel lines provide consistent impedance and reduce signal distortion, which is crucial for achieving high data

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Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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