

Sudan DAC High-Speed Cable 800G



Overview

800G OSFP DAC (Passive Direct Attach Copper) enables high-bandwidth 800G links and supports 800G Ethernet rate. It provides an OSFP copper direct-attach solution. This cable is compliant with OSFP MSA (Multi-Source Agreement), IEEE 802.3ck and 400GBase-CR4 standards. 800G Ethernet DAC cables, as a direct-connection solution based on high-speed copper cabling, are widely used in short-distance connection scenarios within racks and between adjacent racks. With their simple structure, low power consumption, and convenient deployment, DACs provide a cost-effective. Siemon's 800G High Speed Cable Assemblies are offered in DACs (Direct Attach Copper Cables), ACCs (Active Copper Cables), AEC (Active Electrical Cables), and AOCs (Active Optical Cables). 6T DAC/AOC cables are compliant with MSA and IEEE standards for guaranteed compatibility and optimal performance and suitable for servers, switches, storage, etc. Purchase from nearby warehouses. It connects servers, switches, and storage devices, offering a cost-effective alternative to optical cables while maintaining. The 800G DAC cables deliver cost-effective, ultra-low-latency direct-attach connectivity for high-density data centers and HPC environments. Compatible with common 800G form factors (OSFP and QSFP-DD800), our cables are factory-tested and supplied with EEPROM programming and electrical test reports.



Article Content

Mar 02, 2026

A Comprehensive Guide to 800G Ethernet DAC Cables

800G Ethernet DAC cables, as a direct-connection solution based on high-speed copper cabling, are widely used in short-distance connection scenarios within racks and between adjacent...

Aug 30, 2025

800G OSFP DAC Cables: Specs, Benefits | Fibrecross

Discover specs and best practices for 800G OSFP DAC cables. Compare OSFP vs QSFP-DD, and trust Fibrecross for high-quality, low-latency interconnects.

Jan 31, 2026

Global 800G DAC High-Speed ??Copper Cable Supply, Demand and

It features high-speed transceiver modules (such as QSFP-DD800 or OSFP) directly soldered to both ends of a copper cable; by eliminating the need for opto-electrical conversion, it

Mar 13, 2026

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.

Apr 21, 2026

NVIDIA High-Speed Cables Selection Guide:

Comprehensive guide to NVIDIA high-speed cables including DAC and AOC solutions for 400G/800G infrastructures. Learn selection criteria,

Apr 06, 2026

High-Speed Cabling Solutions for the 800G Data Center

High-speed cabling solutions for 800G data centers, including DAC, AOC, and fiber optics, are essential for efficient, reliable, and seamless data

Aug 03, 2025

Wholesale 800G DAC Cables — OSFP & QSFP-DD

Wholesale factory-tested 800G DAC cables (OSFP & QSFP-DD800) — passive twinax, 0.5–3 m lengths, ultra-low latency for short-reach data center links.

May 11, 2026

A Comprehensive Guide to 800G Ethernet DAC Cables

This guide systematically analyzes the definition, direct connection and branching forms, application scenarios and selection points of 800G Ethernet DAC cables.

Jun 10, 2026

2m (7ft) Juniper Networks OSFP-800G-DAC-2M

The Juniper Networks OSFP-800G-DAC-2M is a 2x 400Gb/s twin-port OSFP (Octal Small Form-factor Pluggable) to 2x 400Gb/s twin-port OSFP direct attach cable

Jul 01, 2025

800G DAC and AOC Cables for Data Center and AI

High-speed interconnection within data center racks. Application environments that are extremely sensitive to latency with limited distance. 800G

Nov 06, 2025

Volex 800G OSFP Passive DAC Cable

Volex 800G OSFP Passive DAC Cable Volex's 800G OSFP passive direct attach copper cable features 8 transmitting and 8 receiving 100Gbps PAM4 channels for 800G operation. The cable assembly

Nov 28, 2025

City Product Center_1-C-FLINK technology|DAC High speed copper

The 10G SFP+ RJ45 port optical module is a high-performance integrated duplex data link for bi-directional communication over copper cables. It is specifically designed for high-speed

Dec 16, 2025

800G DAC

800G DAC cable is a high-performance, low-power direct-attach copper cable for short-distance, high-speed data transmission in data centers. Technical

Jan 04, 2026

Siemon Unveils High-Density 800G Cable Assemblies for Data

"Traditional copper cables simply weren't designed for the tight spaces and complex routing of today's high-speed server deployments." Siemon's new 200G, 400G, and 800G DAC and

Dec 15, 2025

800G OSFP Direct Attach Cable | AscentOptics

800G OSFP DAC cables are high-speed, cost-effective alternatives to OSFP optical modules in 800G Ethernet applications, compliant with IEE802.3ck - AscentOptics.

May 01, 2026

800G DAC Cable Archives

The 800G Direct Attach Copper (DAC) cable is a high-speed, low-latency interconnect solution used primarily in data centers and high-performance computing environments.

Nov 14, 2025

SFP112/QSFP112/QSFP-DD800/OSFP 800G DAC

Based on years of market experience and analysis of the design characteristics of various high-speed copper cable interfaces, the mainstream

Apr 30, 2026

800G Twin-port 2x400G OSFP Passive DAC Cable

The 800G OSFP DAC assembly is high-speed, cost-effective alternatives to OSFP optical modules in 800G Ethernet applications. It meets OSFP800 MSA, IEE802.3ck, 400GBase-CR4

Sep 05, 2025

800G QSFP-DD PCC/ACC

The GIGALIGHT 800G QSFP-DD pluggable direct attach copper (DAC) cable includes Passive Copper Cables (PCC) and Active Copper Cables (ACC)

Dec 12, 2025

QSFP-DD Direct Attach Cables (200G/400G/800G DAC)

QSFP-DD Cables (QSFP-DD DAC Cables) by Amphenol Now In-Stock at Speeds up to 800.0 Gbps with 1600 Gbps Coming Soon! Amphenol is the leading QSFP-DD Direct Attach Cable (DAC)

Apr 15, 2026

Wholesale 800G DAC Cables — OSFP & QSFP-DD

The 800G DAC cables deliver cost-effective, ultra-low-latency direct-attach connectivity for high-density data centers and HPC environments. Compatible

Jul 22, 2025

Exploring High-Speed Cabling Solutions for 800G Data

COMNEN will introduce the cabling solutions for DAC, AOC in 800G data centers at this article, The deployment of 800G data centers requires careful

Jan 26, 2026

800G/1.6T OSFP/QSFP-DD | FS Cables

FS 800G/1.6T DAC/AOC cables are compliant with MSA and IEEE standards for guaranteed compatibility and optimal performance and suitable for servers,

Jun 13, 2026

What Is A DAC (Direct Attach Cable)?

Direct-Attach Copper (DAC) cables are a simple, cost-efficient way to link network equipment inside racks and across adjacent racks. Unlike separate transceiver + patch-cable setups, DAC assemblies

Mar 16, 2026

800G-High-Speed-Cable-Assemblies

Siemon's 800G High Speed Cable Assemblies are offered in DACs (Direct Attach Copper Cables), ACCs (Active Copper Cables), AEC (Active Electrical Cables), and AOCs (Active Optical Cables).

Contact Us

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