

# **Italian DAC High-Speed Cable 800G**





## Overview

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6T DAC/AOC cables are compliant with MSA and IEEE standards for guaranteed compatibility and optimal performance and suitable for servers, switches, storage, etc. 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). Cable Types are available in the following configurations: QSFP-DD (100G/Lane PAM4) Straight-throughs and. 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. Supporting SFP, QSFP, DSFP, and OSFP form factors with data rates up to 800G, they feature advanced Twinax technology for lightweight and flexible.



## Italian DAC High-Speed Cable 800G

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## Wholesale 800G DAC Cables -- OSFP & QSFP-DD

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

## 800G/1.6T OSFP/QSFP-DD , FS Cables

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

## What Is A DAC (Direct Attach Cable)?

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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

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

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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

## **800G DAC and AOC Cables for Data Center and AI**

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800G DAC (Direct Attach Cable) and AOC (Active Optical Cable) are commonly used high-speed interconnect solutions in data centers and high



## **Siemon Unveils High-Density 800G Cable Assemblies for Data**

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"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

## **A Comprehensive Guide to 800G Ethernet DAC Cables**

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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

## **800G Twin-port 2x400G OSFP Passive DAC Cable**

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The 800G OSFP DAC cable contains 16 (8 transmitting and 8 receiving) high-speed copper pairs, each operating at data rates of up to 106.25Gb/s, which are suitable for very short links

## **800G OSFP DAC Cables: Specs, Benefits , Fibrecross**

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

## **800G Twin-port 2x400G OSFP Passive DAC Cable**

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The 800G OSFP DAC assembly is high-speed, cost-effective alternatives to OSFP optical modules in 800G Ethernet applications. It meets OSFP800 MSA, IEEE802.3ck, 400GBase-CR4



## **A Comprehensive Guide to 800G Ethernet DAC Cables**

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

### **Wholesale 800G DAC Cables -- OSFP & QSFP-DD**

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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.

### **Direct Attach Copper (DAC) Cables**

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Lumulus Passive Direct Attach Cables (DACs) offer high-speed, low-power, and cost-effective connectivity for intra-rack data center applications. Supporting SFP, QSFP, DSFP, and OSFP form



## 800G-High-Speed-Cable-Assemblies

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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).

## JTOPTICS 800G DAC Cables , High-Performance 800G Solutions

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800G DAC Cables from JTOPTICS are Direct Attach Copper cables ideal for short-distance, cost-effective connectivity in top-of-rack or intra-rack applications. These cables provide low-latency, high



## Supporting High-Density Interconnection Upgrades in AI Computing

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In high-speed interconnect systems, the performance of the base cable determines the ceiling for the entire cable assembly. The HSC-60 series, with its high bandwidth of up to 67 GHz and excellent

### OSFP-800G-DACxM

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With these features, it is suitable for 800G Ethernet and InfiniBand Next Data Rate (NDR). This cable is perfect for establishing 800G short links in data centers, such as artificial intelligence (AI), high

### Siemon High-Density 800G Cable Assemblies for Data Centers

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"Traditional copper cables simply weren't designed for the tight spaces and complex



routing of today's high-speed server deployments." The company's new 200G, 400G, and 800G DAC

## **800G OSFP Direct Attach Cable , AscentOptics**

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800G OSFP DAC cables are high-speed, cost-effective alternatives to OSFP optical modules in 800G Ethernet applications, compliant with IEEE802.3ck - AscentOptics.

## **Direct Attach Copper (DAC) Cables**

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



# High-Speed Direct Attached Cable (DAC) Assemblies

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Molex High-Speed DAC Assemblies deliver a complete zSFP+ and zQSFP+ interconnect solution across multiple industry standards with data rates as high as 100 Gbps and off-the-shelf and custom lengths

## Contact Us

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For datasheets, pricing, or custom optical networking solutions, please visit:  
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