

Distributor DAC High-Speed Cable OSFP



Overview

The 400G OSFP DAC cable contains 16 (8 transmitting and 8 receiving) high-speed copper pairs, each operating at data rates of up to 53Gb/s, which are suitable for very short links and offer a cost-effective and power-efficient way to establish a 400-Gigabit link between QSFP-400G. The 400G OSFP DAC cable contains 16 (8 transmitting and 8 receiving) high-speed copper pairs, each operating at data rates of up to 53Gb/s, which are suitable for very short links and offer a cost-effective and power-efficient way to establish a 400-Gigabit link between QSFP-400G. 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. 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. 6T, enabling data center architectures to scale with evolving bandwidth and performance requirements. Designed to support 28G NRZ, 56G PAM4, 112G PAM4, and 224G PAM4. Our Electronics Products 'Product of the Year' award winning OSFP (Octal Small Form Factor Pluggable) cable assemblies are compatible with 25G/lane channel NRZ up to 224G/lane channel PAM4 signaling protocols that allow the cables to deliver aggregate bandwidths of 200G, 400G, 800G, and 1. The cable assemblies include straight-through and breakout Direct Attach Cables (DAC), Active Copper Cables (ACC and AEC) and Active Optical Cables (AOC) in speeds ranging from 800G to 10G, in OSFP-Finned Top. FS's next generation octal small form-factor pluggable 1. 6T DAC offers industry standard operations at 1600 Gbps complying with IEEE 802. 3 Built for 224 Gbps-PAM4, these robust cables offer superior mechanical durability and excellent shielding to minimize crosstalk and deliver better signal.

Article Content

InfiniBand Cables Explained: HDR vs NDR, QSFP56 vs

Complete 2025 guide to InfiniBand cables: HDR (200G) vs NDR (400G), QSFP56 vs OSFP/QSFP112 connectors, DAC vs AOC vs optics, distances.

400G OSFP Direct Attach Cable | AscentOptics

400G OSFP DAC (Passive Direct Attach Copper) enables high-bandwidth 400G links and supports 400G Ethernet rate. It is high-speed, cost-effective alternatives to OSFP optics in 400G Ethernet

400G OSFP High-Speed DAC Cable

HTFuture's 400G OSFP DAC cable offers high-speed, reliable connectivity for data centers with superior bandwidth.

Understanding OSFP: The Future of Transceivers in

Explore the OSFP transceiver: a high-speed, future-ready solution for data centers. Learn its advantages in bandwidth, thermal performance, and signal integrity.

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

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.

OSFP Cable Assemblies | High Speed Input Output | Amphenol

Our Electronics Products Product of the Year award- winning OSFP (Octal Small Form Factor Pluggable) cable assemblies are compatible with 25G/lane channel NRZ up to 112G/lane

OSFP Direct Attach Cables (200G/400G/800G DAC)

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

400G OSFP DAC

Available in 26AWG and 30AWG wire gauges, this 400G copper cable assembly features low insertion loss and low crosstalk. OSFP passive copper cable uses PAM4 signals for transmission, which

High Speed Cable Assemblies | High-Speed Interconnects, DAC, AOC

Independently tested to be interoperable with most major equipment manufacturers, Siemon interconnects deliver cost-effective, flexible support for your high-speed, direct attach equipment

Volex OSFP 400G Passive DAC Cable

Volex OSFP 400G Passive DAC Cable Volex's OSFP 400G passive direct attach copper cable features 8 transmitting and 8 receiving channels. The cable assembly supports 200Gbps with 25Gbps/lane

OSFP-800G-DACxM

Description OPTCORE offers 800G OSFP DAC cable with high quality and satisfaction. The 800G cable comprises sixteen pairs of differential copper cables and OSFP112 connectors on both ends. That

High speed DAC cables and loopbacks

Point-to-point connections for data centers BizLink's industry-leading high speed cable technology enables us to provide superior P2P solutions up to 800 G in state-of-the-art data center applications.

Meet Optech at COMPUTEX 2026 Taipei: DAC, AEC and ACC Cable

Optech will showcase high-speed optical transceivers and cable solutions, including DAC, AEC, ACC, 400G / 800G / 1.6T OSFP series, QSFP-DD, OSFP-DD and fanout cable solutions.

Understanding OSFP Cable Assemblies: The Key to

The OSFP to OSFP Direct Attach Copper (DAC) cables are interconnection solutions created for communicating data within data centers

Exploring the Power of 400G OSFP Cables for Next

The 400G OSFP DAC, as the name suggests, is a passive copper cable with a transmission bandwidth of 400G using the OSFP form factor. Today, let us take

High-Speed Interconnect Technology:

This article provides an in-depth overview of SFP28, SFP56, QSFP28, QSFP56, QSFP-DD, OSFP, as well as DAC, ACC, and AEC.

Direct Attach Cable (DAC) cable assembly

400G/200G OSFP Direct Attach Cable copper cable assemblies (DAC) are a low cost alternative for 400G Ethernet applications. They are designed to be fully compatible in form factor and

Hilink Optics QSFP QSPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

OSFP Direct Attach Cables (200G/400G/800G DAC)

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.

OSFP Connectors 2025: Design, QSFP-DD

Learn how they compare to QSFP-DD, their role in 400G/800G networks, signal integrity, thermal management, cable assemblies, and future

Volex 400G OSFP to QSFP56 Passive DAC Breakout Cable

Volex's OSFP to 2x/4x QSFP56 passive breakout Direct Attach Cable features 8 50Gbps channels with PAM-4 modulation for each of the transmitting and receiving directions.

OSFP Cable Overview and Applications - aobla

OSFP breakout cables allow connections between high-density ports and multiple lower-speed devices. ## Applications of OSFP Cables OSFP cables find extensive use in various high

400G OSFP To QSFP-DD DAC Latest Product Solution

The rapid development of technology cannot be separated from high-speed and high-bandwidth data transmission. Traditional 10 Gigabit Ethernet can no longer meet this demand, so

800G Twin-port 2x400G OSFP Passive DAC Cable

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

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.

OSFP Connectors & Cable Assemblies

Built for High-Speed Data Center Scaling TE's Octal Small Form Factor Pluggable (OSFP) connectors and cable assemblies support aggregate data rates from 200 Gbps up to 1.6T, enabling data center

1m (3ft) Generic Compatible 1.6T OSFP224 8 x 200G PAM4 Closed

1.6T direct-attached copper cables provide up to 1600Gbps aggregate throughput and can be applied in liquid cooling environments. Integrated with a heat sink and airflow channels, enhancing the cooling

Contact Us

For more information, pricing, or custom solutions, please contact us:

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