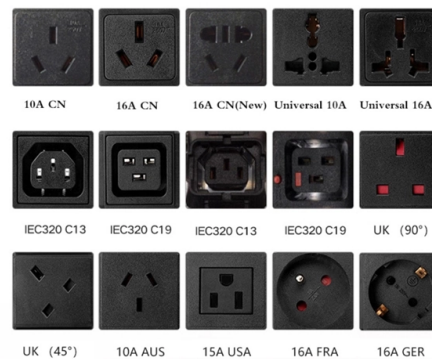


Venezuela DAC High-Speed Cable OSFP



Overview

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 and offer a cost-effective and power-efficient way to establish a 800-Gigabit link between OSFP. Even as data centers increase and the demand for high-speed network solutions rises, OSFP (Octal Small Form-factor Pluggable) Direct Attach Cables (DACs) are an example of something that can be particularly useful. This article will provide a detailed explanation of what OSFP DAC technology means. 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. FS's next generation octal small form-factor pluggable 1.

Article Content

May 29, 2026

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.

Jan 23, 2026

Volex 800G OSFP Passive DAC Cable

As next-gen data centers deploy faster speed in a tighter space, they need high performance cables that reduce power consumption, provide reliable operation and are low cost. Volex's 800G OSFP cable is

Feb 15, 2026

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,

Oct 31, 2025

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

Yes, the 1.6T DAC cable is designed to be backward compatible with 400G OSFP and 800G OSFP standards, ensuring seamless integration into existing network setups.

Mar 15, 2026

OSFP Cable Assemblies | High Speed Input Output

Our Electronics Products Product of the Year award- winning OSFP (Octal Small Form Factor Pluggable) cable assemblies are compatible with

May 04, 2026

800G Flat top OSFP224 to 800Gb/s Flat top OSFP224 Passive

The DAC cables are the second lowest-cost, lowest-latency, very low-power consuming, high-speed links available due to their simplicity of design and minimal components. Using the Octal Small Form

Aug 26, 2025

OSFP Connector System

OSFP connectors from Molex provide a standardized interface that allows installers to choose the I/O technology that best fits their needs. These connectors

Jul 25, 2026

OSFP Technology: Revolutionizing High-Speed

OSFP technology is not just an incremental upgrade but a transformative leap in high-speed interconnectivity. For PCB enterprises,

Jan 29, 2026

Volex OSFP 400G Passive DAC Cable

As next-gen data centers deploy faster speed in a tighter space, they need high performance cables that reduce power consumption, provide reliable operation and are low cost. Volex's OSFP 400G cable is

Jul 03, 2026

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

Nov 02, 2025

Unlocking the Potential of 800G OSFP Cable Solutions:

These cables – both DAC and AOC aided – ease the transfer of data at high speeds that are critical in the activities of AI, machine learning, high

May 16, 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, IEEE802.3ck, 400GBase

Nov 04, 2025

OSFP Connector System

The Octal Small Form Factor Pluggable (OSFP) Connector System provides single- or dual-port, 8- or 16-lane I/O connectivity with DAC, AOC, ACC and optical

Mar 14, 2026

High Speed I/O Cables | High Speed Cable Assemblies

Amphenol is an industry leader in the High-speed I/O Cables. These Cable Assembly Connectors include QSFP DD, QSFP+, OSFP, CXP, SFP+ etc.

Jun 08, 2026

OSFP Cable Assemblies | High Speed Input Output

Amphenol leading the industry in OSFP cable development. Our Electronics Products Product of the Year award- winning OSFP (Octal Small

Sep 06, 2025

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.

Apr 07, 2026

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.

Mar 13, 2026

FS Launches Cutting-Edge 1.6T OSFP Cable: Setting a

FS unveiled 1.6T OSFP DACs, delivering 1600Gbps throughput with ultra-low power, ideal for hyper-scale data centers and high-performance

Mar 01, 2026

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

Apr 04, 2026

OSFP Connector Guide: 400G and 800G Modules,

OSFP Connector Explained: Features and Benefits for 400G 800G Networks OSFP (Octal Small Form-factor Pluggable) is the high-density, hot

Nov 21, 2025

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

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

Dec 07, 2025

OSFP Connectors & Cable Assemblies

TE Connectivity's (TE) next-generation OSFP 224G copper cable assemblies are designed to meet the evolving needs of high-speed and high-density data

Jan 06, 2026

OSFP Cable Overview and Applications - aobla

5G networks and other telecom applications leverage OSFP cables for their high-speed backhaul connections. ## Advantages Over Previous Standards OSFP cables offer several

Feb 14, 2026

OSFP-XD, OCTAL SMALL FORM FACTOR eXtra Dense

OSFP-XD Riding Heat Sink (OSFP-XD-RHS) is a 10.5mm high pluggable module which does not have an integrated heat sink as shown in the Figure 8-1 and Figure 8-2. In place of OSFP-XD's integrated

Jul 24, 2026

Understanding OSFP DAC: The Future of High.Speed

Discover the future of high-speed direct attach cables with insights on OSFP DAC in this concise guide.

Jul 12, 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.

Oct 15, 2025

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.

Feb 03, 2026

OSFP - Defining a New Standard for High-Speed Connections

Amphenol's OSFP product portfolio offers customers a comprehensive and integrated link solution that features DAC copper cables, AOCs, stacked and ganged board connector and cage

May 04, 2026

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.

Contact Us

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