



RoHSDAC High-Speed Cable OSFP

Preview

Using the Octal Small Form factor Plug (OSFP) and contains 8 independent full-duplex passive copper cable, each operating at data rates 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. 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 1.6T, enabling data center architectures to scale with evolving bandwidth and performance requirements. Designed to support 28G NRZ, 56G PAM4, 112G PAM4, and 224G PAM4. Operating Case Temperature Range: 0°C to +70°C The objective is to provide 800G OSFP to 400G OSFP RHS cable assemblies. All materials and compounds used, meet the material restrictions of RoHS, (European Directive 2002/95/EC on the Restrictions of Hazardous Substances) as proposed by the RoHS Technical. The Octal Small Form Factor Pluggable (OSFP) Connector System provides up to 224Gbps PAM-4 per lane, single- or dual-port, 8- or 16-lane connectivity. 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 OSFP 800G to 800G DAC Cable stands as the bedrock of next-generation data center interconnects, providing a robust and cost-effective solution for short-reach high-speed data transmission.

FS's Octal Small Form-factor Double Density Pluggable solution achieving 800G transmission (hereafter referred to as OSFP) is designed for high-density applications. The hot-pluggable transceiver

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

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

Discover how OSFP cable assemblies revolutionize data interconnect solutions, supporting 400G speeds and advanced signaling like

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

II. Scope This specification is applicable to 800G OSFP external connector system which provides a high speed cable to board interconnect. FS's Octal Small Form-factor Double Density Pluggable



RoHSDAC High-Speed 800G DAC Cable OSFP

400G QSFP-DD to OSFP56 Passive DAC Cable Overview Our 400G QSFP-DD to OSFP56 Passive DAC Twinax Copper Cable delivers next-generation ultra-high-speed connectivity for hyperscale

FS ultra-high-speed direct attached copper connectivity solutions emerged, empowering global professional enterprises to build next-generation accelerated computing networks. These

The 800G DAC (Direct Attach Cable) is a transmission cable designed for ultra-short-distance, high-speed interconnects within data centers. It features high-speed transceiver modules

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

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

NVIDIA/Mellanox C8180 (900-9X81E-00EX-ST0) ConnectX-8 InfiniBand & Ethernet SuperNIC, Socket-Direct XDR 800Gb/s PAM4 200G/Lane, Single-Port OSFP,

The OSFP 800G to 800G DAC Cable is a passive assembly designed for ultra-high-speed data communication. Architecturally, the Octal Small Form-factor Pluggable (OSFP) interface

Realsea 's OSFP 400G DAC 1M Direct Attach Copper Twinax Cable 800G OSFP To OSFP Compatible with Mellanox IB stack cable 800G OSFP ACC primarily enables high-bandwidth 800G links and

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

This cable is perfect for establishing 800G short links in data centers, such as artificial intelligence (AI), high-performance computing (HPC), and machine learning (ML) connectivity. The OSFP-800G

Web: <https://bssoda.pl>

