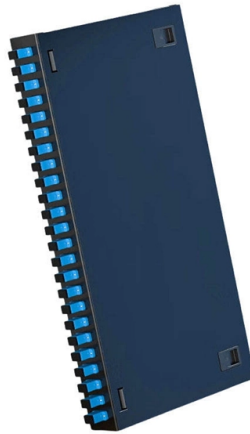


PAM4DAC high-speed cable original and genuine product



Overview

The NS 400G PAM4 QSFP-DD to 4×100G QSFP56 Direct Attach Copper Cable (DAC) is a breakout copper interconnect purpose-built for 400G-to-4×100G Ethernet applications in hyperscale data centers, HPC clusters, and enterprise networks. QSFP112 passive copper cable assembly feature eight differential copper pairs, providing four data transmission channels at speeds up to 100Gbps(PAM4) per channel, and meets 400G Ethernet and InfiniBand Next Data Rate(NDR) requirements. QSFP-DD offers the same footprint as QSFP interconnects, making them backward compatible. Features: Compatible with IEEE 802. 3bj and IEEE. Amphenol's QSFP copper cable assemblies are designed to meet data center, networking and high-performance computing application needs for high density cabling interconnect systems capable of data rates from 10G/Lane to 112G/Lane transmission rates. The direct attach cable assemblies (DAC) support 200G PAM4.

Article Content

400G PAM4 QSFP-DD to 4*100G QSFP56 PAM4 DAC Cable

QSFP-DD (Double Density) Interconnect System and Cable Assemblies feature an eight-lane electrical interface that transmits up to 28Gbps NRZ or 56Gbps PAM-4, up to 200Gbps or 400Gbps aggregate.

Cisco DAC Direct Attach Cable Model Guide

DAC Direct Attach Cables, also known as high-speed cables or direct attach copper cables, are typically purchased in fixed lengths with fixed connectors on both ends. They cannot be

High Speed Cable Assemblies | High-Speed

Siemon offers a comprehensive line of High-Speed Interconnects (HSI) and transceivers. The cable assemblies include straight-through and breakout Direct

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

Our High-Speed QSFP-DD Cables are QSFP-DD MSA compliant and protocol agnostic for worry-free integration into 200/400/800-Gigabit Ethernet and InfiniBand networks.

200G QSFP56 PSM4 Direct Attach Passive Copper Cables

Ascent's QSFP56 passive copper cable assembly feature eight differential copper pairs, providing four data transmission channels at speeds up to 56Gbps (PAM4) per channel, and meets 200G Ethernet

An Introduction to 224G System Architecture

Molex Inception is a genderless 224G backplane system that provides a flexible and robust high-speed cable design for rack hardware architectures. Inception cable assemblies form the backbone of the

PAM4 Optical DSPs | Enabling high-bandwidth optical

The Marvell® PAM4 optical DSP portfolio addresses the critical need for high-bandwidth optical interconnects to power AI infrastructure. Marvell leads the

QSFP Cable Assemblies | High Speed Input Output

Amphenol QSFP copper cable assemblies are designed to meet data center, networking and high-performance computing application needs for

COMNEN 400G QSFP112 Direct Attach Cable

QSFP112 passive copper cable uses PAM4 signals for transmission, which doubles the rate. However, there are more stringent requirements for cable insertion loss. For detailed requirements, please see

400G QSFP-DD DAC: High-Speed Direct Connect Solution

400Gb/s QSFP-DD Direct Attach Cable Description Innoptical's IN-DAC-400G-Dxxx QSFP-DD passive copper cable assembly feature eight differential copper pairs, providing four data transmission

[Spec Sheet](#)

Direct Attach Copper Cables 50G PAM4 SFP56 Straight Through Regional Availability — Global Siemon's 50G per lane PAM4 Ethernet SFP56 passive Direct Attach Copper cable assemblies

[PAM4: Pulse Amplitude Modulation Explained | Keysight Blogs](#)

Pulse amplitude modulation (PAM) is already a widely adopted technology in high-speed digital communications. But to understand why it has become ubiquitous in serial data standards,

Network Switch 400G PAM4 QSFP-DD to 4x100G QSFP56 Direct

The NS 400G PAM4 QSFP-DD to 4x100G QSFP56 Direct Attach Copper Cable (DAC) is a breakout copper interconnect purpose-built for 400G-to-4x100G Ethernet applications in hyperscale data

COMNEN 400G QSFP112 Direct Attach Cable

400G QSFP112 Direct Attach Cable (DAC) Datasheet General Description QSFP112 passive copper cable assembly feature eight differential copper pairs, providing four data transmission channels at

400G QSFP112 DAC Cable

HTFuture's 400G QSFP112 DAC cable offers high-speed, low-latency connectivity for data centers with InfiniBand NDR support.

Marvell Ara PAM4 Optical DSP

The Marvell Ara PAM4 DSP is a next generation solution for GenAI and cloud datacenter interconnects utilizing pluggable transceivers. Ara features eight 200Gbps/channel PAM4 host electrical interfaces,

[Spec Sheet](#)

Siemon's QSFP56 200G PAM4 Ethernet passive Direct Attach Copper Cable assemblies are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for

400G QSFP-DD PAM4_DAC Copper Cable_OEM ODM

USource QSFP-DD passive copper cable assembly feature eight differential copper pairs, providing four data transmission channels at speeds up to 56Gbps (PAM4)

64Gbaud PAM4 DAC G0374A Product Introduction

Using the 64Gbaud PAM4 DAC G0374A in combination with the Signal Quality Analyzer MP1800A series supports generation of wideband analog signals, such as high-baud-rate PAM4 signals.

400G QSFP-DD DAC Cable

Hilink 400G QSFP-DD passive copper cable assembly feature eight differential copper pairs, providing four data transmission channels at speeds up to 56Gbps

Spec Sheet

400G PAM4 QSFP-DD Straight Throughs and Breakouts Regional Availability — Global Siemon's 400G (50G per lane) PAM4 Ethernet QSFP-DD passive and active copper cables are designed to exceed

224G High-Speed Solutions

224G High-Speed Solutions Amphenol's 224G high-speed data connectors and cable systems support advanced 224G PAM4 signaling with data rates up to 224 Gb/s per lane, enabling

Contact Us

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

Website: <https://www.adicor.eu>

Email: info@adicor.eu

Phone: +33 6 48 37 92 15

Address: 12 Rue de la Paix, 75002 Paris, France

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