

Explore how PAM4 modulation enables 100G DSFP optics, why NRZ reached its limits, and how modern DSP-driven designs deliver high-density, scalable optical interconnects.

Discover the role of aggregation switches. Explore differences between aggregation, access, and core switches, and choose the right model for your network.

A QSA lets a modern 40G aggregation switch connect to these legacy storage arrays without requiring a dedicated legacy 10G switch. Management networks: Out-of-band management ...

This application note explains PAM4 theory and its operation. It describes NRZ and PAM4 fundamentals, standards using PAM4 coding schemes, and CEI-56G Interconnect reaches and ...

A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for data center and telecom networks.

What is the difference between an aggregate switch and a core switch? An aggregate switch consolidates traffic from access switches, while a core switch forms the backbone of the ...

An Aggregation or "Top-of-Rack" switch is designed to connect everything in a rack at high speeds, then have an even bigger pipe out to the rest of the network.

This article wraps up "what is switch aggregation" and suggestions for choosing an aggregation switch. By considering these factors, network administrators can make informed ...

Learn how a PAM4 modulation optical transceiver compares to NRZ, plus real rack-level selection steps, pitfalls, and troubleshooting for data centers.

This document examines key technologies used in constructing LinkX cables and transceivers for 100G-PAM4, 50G-PAM4, and 25G-NRZ -modulation based interconnects used to ...

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