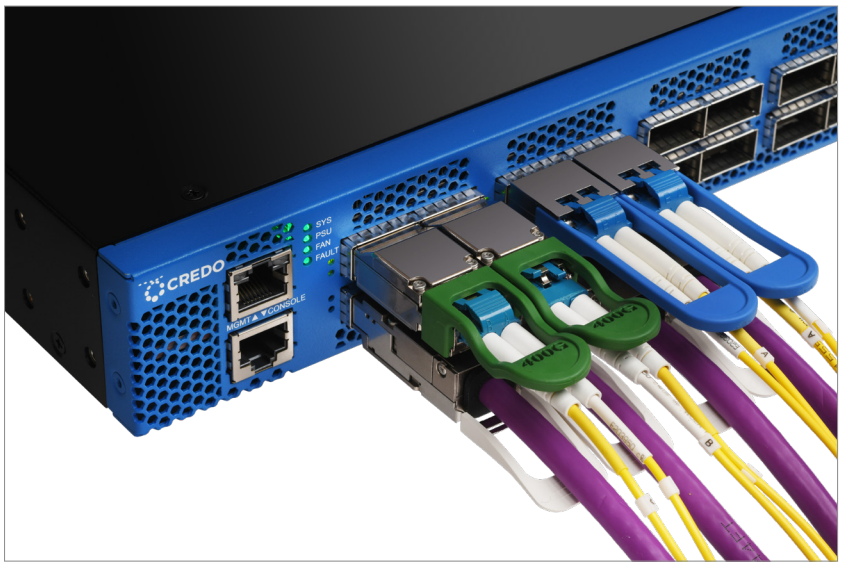
PLUGGABLE PATCH PANEL SPECIFICATION

HiWire Pluggable Patch Panel (P3)

Empower Your Network Evolution with HiWire P3 – Where Routers Truly Route!

Decoupling Pluggable Optics from Core Switching and Routing Hardware

Introducing Credo's HiWire Pluggable Patch Panel (P3)
A single rack unit (1RU), 32 port QSFP-DD appliance designed to allow standard pluggable optics to directly connect to an AECs without the use of a switch chip. Credo's HiWire Pluggable Patch Panel (P3) streamlines the infrastructure, reduces complexity, and simplifies deployment. Network infrastructure can adapt to evolving demands without the need for expensive hardware replacements.



Applications

- 32 port QSFP-DD appliance
- No sacrifice of router port capacity
- QSFP28 interfaces
- Integrates seamlessly with Credo HiWire AECs
- Compatible with Coherent Optics
- Northbound IPMI Interface
- Low power consumption
- Open Management Platform
- Enhanced Bandwidth efficiency
- Low-cost ports for QSFP-for-factor EDFA
- Handles cooling a full load of 400G-ZR+ guest modules/ Enhanced cooling abilities
- Power, Cooling and Control Plane Access
- No optics replacement required to migrate links
- Maximizes rack space

Ideal Use Cases

Coherent Optics on Low-Cost Switches
Ideal for smaller buffer switches with limited power and cooling capacity, enabling the use of coherent optics like ZR+.

Decoupling Port and Optics Speed
Allows switch and router port speeds to be decoupled from optics speed, maintaining high-speed connections without sacrificing radix and cost.

Hosting EDFA Amplifies
EDFA amplifiers can be hosted in P3 ports with minimal power and cost overhead, preserving valuable switch or router ports.

Addressing Friction Points
Credo's HiWire Pluggable Patch Panel(P3) resolves compatibility issues with coherent optics, making adoption seamless for service providers and hyperscalers.

About Credo

Credo's mission is to advance high-speed connectivity solutions that deliver optimized performance, reliability, energy efficiency, and security for the next generation of AI driven applications, cloud computing, and hyperscale networks.

Optimized for both optical and electrical applications, our solutions support port speeds up to 1.6Tb. At the core of our technology is our proprietary Serializer/Deserializer (SerDes) IP. Our diverse solutions portfolio includes system-level products such as Active Electrical Cables (AECs), a range of Integrated Circuits, including Retimers, Optical DSPs, SerDes chipsets, and SerDes IP Licensing.

For more information please visit **www.credosemi.com**
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