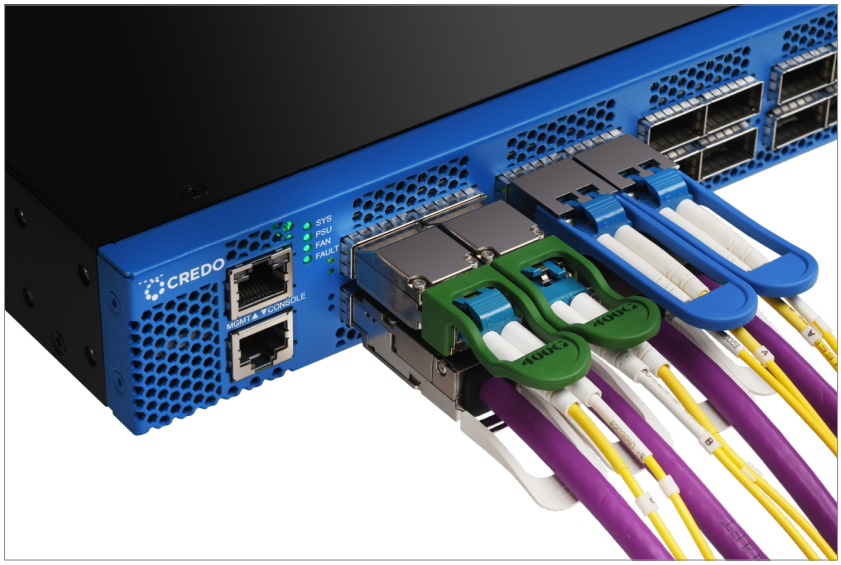
PLUGGABLE PATCH PANEL SPECIFICATION

## HIWIRE PLUGGABLE PATCH PANEL (P3) Product Brief

# 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 AECs without the use of a switch chip. Credo's HiWire Pluggable Patch Panel (P3) streamlines infrastructure, reduces complexity, and simplifies deployment. Finally, network infrastructure can adapt to evolving demands without the need for expensive replacement hardware.




### Features

- 32 port QSFP-DD appliance
- No sacrifice of router port capacity
- QSFP28 interfaces
- Integratesseamlessly 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+.

**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.

For more information please visit **www.credosemi.com**
or email **sales@credosemi.com**