

< View Press Releases

News/Press Release Oct. 1, 2019

CREDO Receives Cabling Installation & Maintenance Innovators 2019 Gold Award for HiWire™ Active Electrical Cables (AEC)

CreDO has received the Cabling Installation & Maintenance 2019 Gold Innovators Award for its pioneering HiWire™ Active Electrical Cables (AEC). This new family of affordable interconnect cables for switches, routers and servers up to 400G integrate retiming, speed shifting and Forward Error Correction making direct PAM4 to NRZ connections simple. The HiWire Consortium was formed in September 2019 to advance the AEC specification, commercial availability and adoption of AECs in data centers.



AEC is a new class of Plug & Play 400G Interconnect to Telcos and Data Centers Supported by a Consortium of leading OEM, ODM, IC, and Test and Verification partners

San Jose, Calif. – October 1, 2019 – CREDO, a global innovation leader in Serializer-Deserializer (SerDes) technology and HiWire Active Electrical Cables (AEC), a new class of datacenter interconnect accelerating the transition to 400G, today announced that its AEC products have been recognized as a Gold Winner of the Cabling Installation & Maintenance Innovators Award.

"On behalf of the Cabling Installation & Maintenance Innovators Awards, I would like to congratulate CREDO on their Gold-level honoree status," said Cabling Installation & Maintenance's Chief Editor Patrick McLaughlin. "This competitive, unbiased program celebrates the most original and innovative products in the Industry."

CREDO recently announced the production launch of a **broad family of AECs**, a high performance, affordable solution to interconnecting 100G and 400G switches, routers and servers. AECs are now available at a fraction of the cost of Active Optical Cables (AOCs). HiWire AECs have integrated retiming, speed shifting and Forward Error Correction (FEC) making direct PAM4 to NRZ connections simple while guaranteeing a fully equalized signal at an ultra-low bit error rate.

"We are delighted at the enthusiastic reception of HiWire AECs and the industry's support of the technology through the HiWire Consortium," said CREDO's Sr. Director of Product, Don Barnetson. "This new class of interconnect will help accelerate the transition to 400G by making it more robust, lower power and more affordable."

AECs are fully Multi-Sourcing Agreement (MSA) compliant with the development of solutions for 400G and future 800G supported by the **HiWire™ Consortium**, a partnership of 26 companies that represent datacenters, communications, switch design and manufacturers, and cabling and interconnect suppliers.

For more information on CREDO HiWire AECs contact hiwire@credosemi.com.

About CREDO

CREDO is a leading provider of high-performance, mixed-signal semiconductor solutions for the data center, enterprise networking and high performance computing markets. CREDO's advanced Serializer-Deserializer (SerDes) technology delivers the bandwidth scalability and end-to-end signal integrity for next-generation platforms requiring single-lane 25G, 50G, and 100G connectivity for 100G, 200G, 400G, and 800G port enabled networks. CREDO's HiWire™ AEC (Active Electrical Cables) deliver plug and play 400G connectivity today that is more affordable than optical solutions and more reliable than copper.

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

Follow CREDO on [LinkedIn](#) and [Twitter](#).



HiWire AEC Oct. 10, 2024

Credo Introduces 800G HiWire ZeroFlap AECs to Support AI...

HiWire AEC Sep. 10, 2024

Credo Introduces New HiWire SHIFT AECs To Support 400G...

HiWire AEC Mar. 19, 2024

Credo Introduces HiWire AECS to Support 400G AI/ML Backend...

Reach out today to connect with Credo

Send us your inquiry and we will get back to you.

We have solutions



Sign up for our latest newsletters

Email Address

Submit

PRODUCTS

ZeroFlap AECs

ZeroFlap Optical Transceivers

Optical DSPs

Ethernet Retimers & MACsec

IP & Chiplets

PCIe

COMPANY

About

Culture & Careers

Leadership

Investors

RESOURCES

Insights

Media

Events

CONNECT

Contact



©2025 Credo, Inc. All rights reserved

Legal Notices