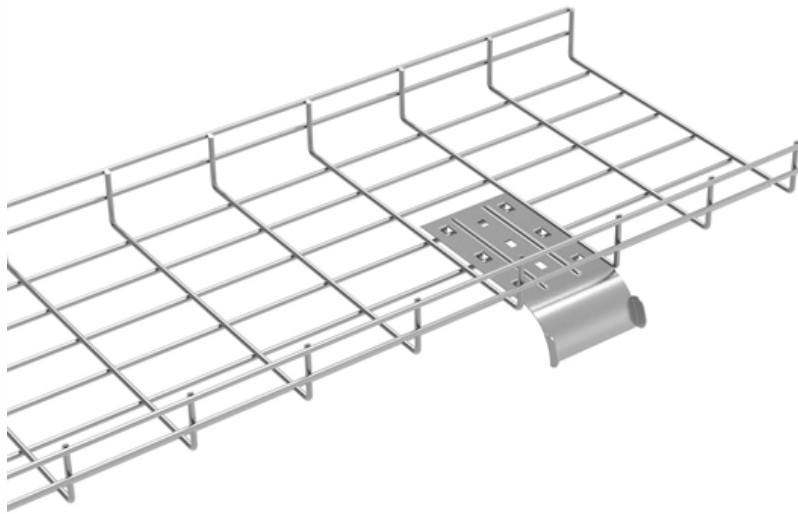




**Syropy AI Connectivity**

# **Price List for 40G Linear Drive Pluggable Optical Components for Data Center Interconnects**





## Price List for 40G Linear Drive Pluggable Optical Components for Data Center

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### 40G Optical Transceivers and Cables Portfolio , FS

It includes 40GBASE QSFP+ modules, 40G Converter modules, 40G DACs/AOCs and their breakout cables. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also

### 40G Optical Transceivers and Cables Portfolio , FS

The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing networks,



### Linear Drive Pluggable Optics

Linear Drive Pluggable Optics (LPOs) have gained tremendous attention during 2023 and this document attempts to de-mystify the terminology. The focus is on 400G and 800G LPOs using 56GBd lanes.

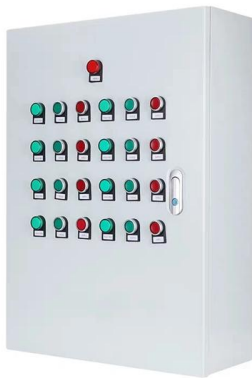
### Progress in Linear Drive Pluggable Optics

Non-retimed Linear Drive Pluggable Optics (LPO) was the hottest topic at OFC 2023 and it continued to draw a crowd at the most recent international optical networking show CIOE 2023. LightCounting



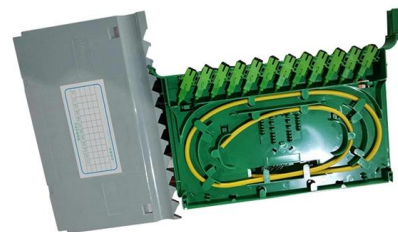
### 40G Optical Transceivers and Cables Portfolio , FS

The 40G transceiver module portfolio offers customers 40Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service



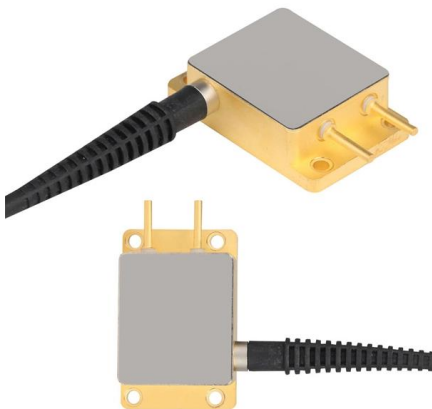
### Optical Interconnect Technology Analysis: LPO, NPO, CPO

Exploring optical interconnects for AI data centers: LPO for low-power, short-distance links, NPO for high-density, near-package connections,



### Linear-drive Pluggable Optics: A Game-Changing Technology in

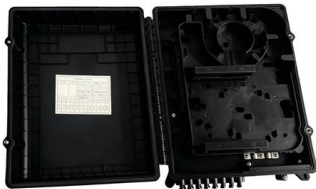
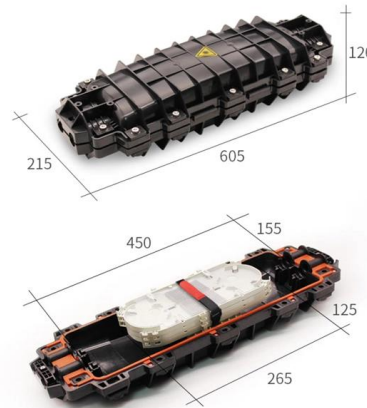
These advantages make it a flexible and efficient optical connectivity solution that plays a key role in the future in high-speed optical communications, smart computing centers, and cloud data





### MACOM PURE DRIVE(TM)

These high-performance parts have been leveraged in leading module and system level designs and enable highly efficient interconnect spanning both short reach



### FiberEdge® & DirectEdge(TM) , Signal Integrity

The Semtech Advantage: Exceptional Performance Our innovative optical components are designed to maximize performance while minimizing power

### Linear Drive Pluggable Optics Market

The linear drive pluggable optics market is segmented by data rate into 10G, 25G, 40G, 100G, 200G, 400G, and others. Among these, the 100G segment holds a significant share due to its widespread



### The Rise of Linear Drive Optics: A Promising Solution

Discover the power-efficient future of optical networking with Linear Drive Optics (LPO). Learn about the benefits, challenges, and industry adoption of this



## Linear Pluggable Optics Advances with 100G/Lane Spec

The Linear Pluggable Optics Multi-Source Agreement (LPO MSA) group has announced the release of its new 100Gbps-per-lane Linear Pluggable

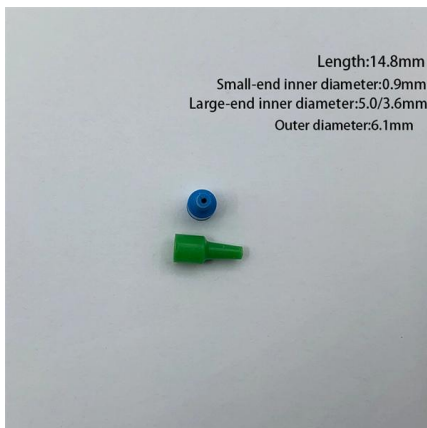


### BRKOPT-2699

AI/ML workloads: pushing data centers to evolve their network architecture AI-Specific Networking: a dedicated Back-End network for AI workloads to isolate them from other data center traffic and

## Advancements in Linear Drive Pluggable Optics for High-Speed Data

Yosef Ben Ezra, CTO & Co-Founder, NewPhotonics As data center AI workloads gain practical use and accelerate the demand for low latency, high speed and power efficient optical connectivity, Linear



### 400G, 800G, and Terabit Pluggable Optics:

Equipment and electrical serdes can evolve through 3 generations (25 Gb/s, 50 Gb/s or 100 Gb/s) without changing the optical interface that interconnects your equipment.



### Linear pluggable optics for data centers

Half-Retimed Linear Optics creates an easier composite channel, allowing greater margin and robustness Shorter electrical Establishing compliant interfaces allows multiple vendors to

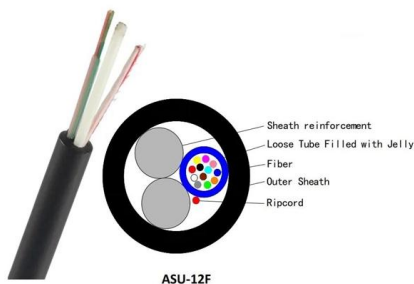


### XPO: Redefining Pluggable Optics for AI Networking

This section outlines the five critical requirements that define the next generation of data center optics and examines why existing standards--originally developed for traditional cloud computing

### LPO Transceiver: Embracing the Future of Linear-drive

The increase in energy consumption of optical communication devices puts a major burden on the overall use of energy and costs for the whole



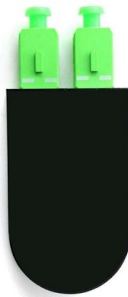
### 40G QSFP+ Transceiver Modules , Optical Transceivers

Click to get your 40G QSFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

### Silicon Photonics Market Size Report 2025



Silicon photonics offers a way out of this bottleneck by embedding optical components into silicon chips, enabling much faster and more energy-efficient



### What are linear pluggable optics?

Learn how linear pluggable optics (LPOs) reduce power use, cost and latency by eliminating the DSP and enabling efficient AI, ML and GPU intra-data-center links.

### 400G, 800G, and Terabit Pluggable Optics:

400G, 800G, and Terabit Pluggable Optics: What You Need to Know



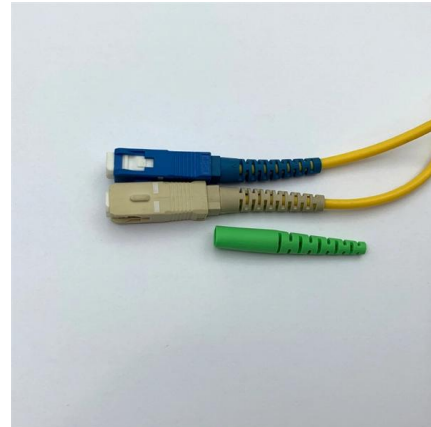
### SILICON PHOTONICS, LINEAR DRIVE PLUGGABLE AND CO-PACKAGED OPTICS

The forecast is segmented by application: Ethernet, DWDM, Wireless Fronthaul/Backhaul, FTTx, and product categories: Active Optical Cables (AOCs), Re-timed



## Linear-drive Pluggable Optics: A Game-Changing Technology in

To reduce power consumption and cost while meeting the demands of high-speed, high-density optical communication connections, as well as the need for optical network flexibility and



## Exploring LPO Linear-Drive Optical Modules: A Modern

Introduction With the rapid adoption of 5G and artificial intelligence, the optical communications industry is undergoing significant advancements. As data

## Contact Us

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