

Genuine Optics Joins XPO MSA as Founding Member

Accelerating High-Density Optical Interconnects for AI Factories

SAN JOSE, CA, UNITED STATES, March 13, 2026 /EINPresswire.com/ --

Genuine Optics, a leader in [Linear Pluggable Optics](#) and Optical Transceivers, is announcing its role as a founding member of the [XPO](#) (eXtra-dense Pluggable Optics) Multi-Source Agreement, an industry effort organized by Arista Networks to define a new optical transceiver form factor for AI-scale infrastructure.



Genuine Optics Logo

As AI factories push toward much higher bandwidth and tighter power and thermal limits, conventional pluggable optics are becoming a constraint. XPO is intended to address that challenge with a new approach to density, cooling, and system design. Compared with conventional pluggable transceivers, including OSFP, the XPO architecture is designed to deliver up to 4x greater switch rack density.

“

For Genuine Optics, joining the XPO MSA is a natural extension of the company's focus on high-density optical interconnects and linear pluggable innovation”

*Madhava Bhatta, CEO,
Genuine Optics*

“For Genuine Optics, joining the XPO MSA is a natural extension of the company's focus on high-density optical interconnects and linear pluggable innovation. With deep expertise in silicon photonics and power-efficient optical

design, Genuine Optics is helping shape a new generation of pluggable connectivity for GW-scale AI clusters and hyperscale data centers.” said Madhav Bhatta, CEO of Genuine Optics.

Genuine Optics sees several core strengths to the XPO initiative:

- **Bandwidth density:** Genuine Optics' Micro-Resonator Modulator bidirectional optical architecture is designed to maximize fiber bandwidth density where space and scale matter most.
- **Thermal efficiency:** XPO's integrated liquid-cooling approach aligns with the requirements of next-generation AI infrastructure.
- **Reliability:** Lower operating temperatures and reduced component counts can improve

reliability on a per-bit basis.

- Design flexibility: The XPO framework supports multiple optical approaches, including DR, FR, LR, as well as Linear Optics designs.

These advantages are further supported by Genuine Optics' industry leading Linear Pluggable and Linear Receive technology, developed to reduce power consumption and latency across high-speed AI factory links.

Genuine Optics will be showcasing its latest photonic innovations at OFC 2026, March 17–19, in Los Angeles.

About Genuine Optics

Genuine Optics, based in San Jose, California, designs and manufactures high-performance optical transceivers and active cable solutions for AI networking and data center applications. Its portfolio includes FRO linear retimed, LRO, AEC and LPO linear pluggable optics for interconnects up to 1.6Tb/s, supported by manufacturing operations in Thailand.

Genuine Optics Media Relations

(669) 342-5892

Media@genoptics.com

David Huff

Genuine Optics

+1 917-846-1094

[email us here](#)

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/899085738>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.