

TFC Optical Module



Overview

TFC provides customized Optical Engines (OEs) for optical transceivers: specifically, DR8 (or 2xDR4) and 2xFR4 Optical Engines, designed to meet the needs of short-reach or medium-reach transceivers for interconnection scenarios in AI clusters. Partnership provides a solution, combining OSAT (Outsourced Semiconductor Assembly and Test) services with advanced Tx engine designs for optical communication systems, streamlining the production and integration of silicon photonics technology into the market SANTA CLARA, Calif., 31 March 2025 —. CAMBRIDGE, Mass. 6T-DR8 optical transceiver leveraging HyperLight's TFLN Chiplet™ Platform. As the biggest and most influential international event in the global optical communication field, OFC has attracted many industry leaders. TFC Communication is a leading provider of optical sub-assembly integrated solutions and advanced optoelectronic package manufacturing services. The company's shares, hovering at 150.9 CNY on November 16, have surged as investors chase the next wave of 800 Gbit/s.



Article Content

Apr 01, 2026

TFC Communication is a leading provider of optical sub-assembly ...

We specialize in the R& D, production, and sales of high-speed optical components. The company was founded in 2005 and was listed on China's Growth Enterprise Market in 2015. Our products are

Nov 15, 2025

Why China's optical communications sector is the latest AI boom

Notably, Innolight and TFC have both recently announced plans to list in Hong Kong, further expanding their influence and footprint overseas. What do the firms make? Optical modules, also known as ...

Mar 27, 2026

CPO Value Chain Summary from Mirae Asset: Laser Source:

TFC / Suzhou TFC Optical Communication (SZSE: 300394) O-Net Technologies Eoptolink Technology (SZSE: 300502) FAU (Fiber Array Unit): Senko Advanced Components

Dec 13, 2025

OpenLight Partners with TFC to Fast-track the Silicon

Partnership provides a solution, combining OSAT (Outsourced Semiconductor Assembly and Test) services with advanced Tx engine designs for optical

Feb 26, 2026

How TFC's 800 G/1.6 T Optical Modules Could Fuel the AI

Discover how TFC's 800 G/1.6 T optical modules could shape AI infrastructure, the market's bullish trend, and the risks behind its high valuation.

Jul 02, 2025

China Optical Module Stocks Split After 2026 Q1 Earnings

China optical module stocks diverged as Zhongji Innolight beat expectations while TFC Communication and Eoptolink fell after 2026 Q1 results.

Jan 19, 2026

Deep Dive: Optical Module Market

Powering next-gen connectivity: How optical modules enable fast, reliable data transfer, and What are the opportunities for investors?

Aug 09, 2025

Suzhou TFC Optical Communication Co., Ltd.

Suzhou TFC Optical Communication Co.,Ltd (TFC Communication) is a leading optics vertical integrated solution provider on the high-end passive optical devices, and the active high speed optical

Sep 17, 2025

TFC Communication is a leading provider of optical sub-assembly ...

The optical sub-assembly integrated solutions business and the advanced optoelectronic packaging manufacturing service business. At TFC Communication, we are dedicated to becoming a world

Apr 15, 2026

TFC Shines at OFC 2025, Enabling Photonics Integration

TFC's POSA is a key component in optical communication modules, mainly used for multiplexing and de-multiplexing optical signals. The De-Mux POSA includes components such as Z

Nov 21, 2025

TFC Shines at OFC 2025, Enabling Photonics

At this exhibition, TFC focused on showcasing products tailored for Co-Packaged Optics (CPO) and high-speed optical module applications, such as the

Aug 15, 2025

HyperLight Demonstrates Low-Power 1.6T-DR8 TFLN-based

Our work with TFC demonstrates how readily HyperLight's technology can integrate into existing optical module ecosystems." HyperLight will demonstrate the module live at OFC 2026,

Mar 12, 2026

SuperX, TFC form AI optical connectivity JV | SUPX Stock News

New Singapore-based SuperX-TFC venture will supply end-to-end optical links for next-gen AI data centers, targeting high-growth markets and faster deployments.

Jul 08, 2025

OpenLight partners with TFC to fast-track silicon photonics back-end ...

Currently, a limited number of suppliers can administer the back-end wafer processes to FAU subassembly for optical engines. The ecosystem partnership between OpenLight and TFC will

Sep 14, 2025

TFC Shines at ECOC 2025: Enabling Photonics Integration

TFC provides customized Optical Engines (OEs) for optical transceivers: specifically, DR8 (or 2xDR4) and 2xFR4 Optical Engines, designed to meet the needs of short-reach or medium-reach

Sep 04, 2025

Suzhou TFC Optical Communication Co., Ltd. (300394.SZ)

Find the latest Suzhou TFC Optical Communication Co., Ltd. (300394.SZ) stock quote, history, news and other vital information to help you with your stock trading and investing.

Jun 21, 2026

TFC will show 800G/1.6T Optical Engine Products in OFC2024

TFC Communication is a leading provider of optical sub-assembly integrated solutions and advanced optoelectronic package manufacturing services. We specialize in the R& D,

Feb 14, 2026

HyperLight Demonstrates Low-Power 1.6T-DR8 TFLN-based

At the scale of modern AI data centers, that translates into megawatts of potential energy reduction. The reference module was demonstrated with engineering and manufacturing support

Aug 16, 2025

OpenLight Partners with TFC to Fast-track the Silicon Photonics Back ...

Partnership provides a solution, combining OSAT (Outsourced Semiconductor Assembly and Test) services with advanced Tx engine designs for optical communication systems,

Nov 15, 2025

Suzhou TFC Optical Communication Co., Ltd. | CERADIR®

Suzhou TFC Optical Communication Co.,Ltd (TFC Communication) is a leading optics vertical integrated solution provider on the high-end passive optical

Jan 27, 2026

If you're curious about Goldman's Report: They expect "significant

If you're curious about Goldman's Report: They expect "significant EPS upside" among: 1. Optical modules and engines 2. CW lasers and EMLs 3.

Mar 31, 2026

OpenLight Partners with TFC to Fast-track the Silicon

Press releases OpenLight Partners with TFC to Fast-track the Silicon Photonics Back-end Process for Semiconductor Production and Optical Communication

Contact Us

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