

JT optical module



Overview

Our range of 400G and 800G transceiver modules delivers ultra-high bandwidth, industry-standard form factors, and reliable performance built for: □ Data Centers □ AI/ML Infrastructure □ 5G & Core Networks Available in QSFP-DD, OSFP, and CFP2 DCO, our modules are ready to. Our range of 400G and 800G transceiver modules delivers ultra-high bandwidth, industry-standard form factors, and reliable performance built for: □ Data Centers □ AI/ML Infrastructure □ 5G & Core Networks Available in QSFP-DD, OSFP, and CFP2 DCO, our modules are ready to. JTOPTICS® data center Solution simplifies the delivery of network services by providing reliable infrastructure components assembled and tested in a factory-controlled environment. JTOPTICS® end-to-end products are an ideal solution for data centers specially when time for traditional cable. Integrated circuits and reference designs help you create a smaller and faster optical module design used in high-bandwidth data communication applications. Whether you are creating a 100-Gbps or 400-Gbps, small form-factor pluggable (SFP) module, SFP+ transceiver, XFP module, CFP, X2/XENPAK module. JT is large Chinese optical components manufacturer and committed to providing customers with small and medium batch high precision optical components and large-scale production of optical components. The company has been adhering to the enterprise tenet of people-oriented, honest management and. JingTeng Technologies, founded in 2019, is a high-tech enterprise specializing in the research and manufacturing of high-speed optical communication passive components. Engineered for reliability and scalability, these transceivers ensure efficient and seamless communication across various network.

Article Content

Hot

JTOPTICS 200G Transceivers | High-Performance 200G Solutions

200G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications. Engineered for reliability and scalability,

Jan 18, 2026 Hot

JT-1600G-OSFP-LC-2FR4

JTOPTICS 1.6T OSFP-XD 2FR4 Transceiver is engineered to transmit and receive serial optical data links at rates up to 212.5 Gb/s per channel using PAM4

Apr 28, 2026 Hot

JT Optics: High-performance optical solutions for future

Our range of 400G and 800G transceiver modules delivers ultra-high bandwidth, industry-standard form factors, and reliable performance built for: Data Centers

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400G Transceivers : JT-400G-QSFP56DD-MPO-SR8

400G Qsfp56-Dd Sr8 Optical Transceiver 400Gbase-Sr8 Qsfp-Dd Pam4 850Nm 100M Dom Mtp®/Mpo-16 Mmf Optical Module

Feb 14, 2026 Hot

JT-COM a Pair 10Gb BIDI SFP+ Module

Buy JT-COM a Pair 10Gb BIDI SFP+ Module 10KM/20KM/40KM/60KM LC Single Mode Single Fiber 1270nm/1330nm for Cisco Switch Mikrotik Various Brand

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Shenzhen JingTeng Technologies Co., Ltd

Its core products serve 400G/800G optical modules, data centers, and 5G transmission networks, and are committed to providing high reliability and low-cost optical interconnect solutions for global

Jan 13, 2026 Hot

JT-COM 1.25G SFP Module with DDM, LC DUPLEX Gigabit Single Module

Buy JT-COM 1.25G SFP Module with DDM, LC DUPLEX Gigabit Single Module sfp 1g 20KM/ 40KM / 80KM / 120km Optic Module,Fiber Optic Transceiver SFP Compatible cisco/Mikrotik Switch online

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Optical module design resources | TI

View the TI Optical module block diagram, product recommendations, reference designs and start designing.

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JT-COM Gigabit RJ45 SFP Module 1000Mbps SFP Copper to rj45 Port Module ...

JT-COM Gigabit RJ45 SFP Module 1000Mbps SFP Copper to rj45 Port Module, Fiber Optic Transceiver SFP Compatible cisco/Mikrotik Switch 4.5 14 ratings

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10G Electrical Optical Transceiver Data Sheet by

10G Electrical Optical Transceiver Data Sheet by JTOPTICS 10Gb/s (JT-10G-SFPP-RJ) copper transceivers adhere to standards outlined in IEEE Std 802.3. These

May 06, 2026 Hot

Cell modules

The 120-cell module is dubbed JT Slk (B) and is sold in five versions with nominal power of 620 W to 640 W. Its power conversion efficiency ranges from 21.9% to 22.6% and the open-circuit voltage is

Aug 24, 2025 Hot

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the technical specifications for each.

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Optical Components

Jiu Tian (JT) wedge prisms are precise optical components used for controlling light paths. With a small inclination angle, they can shift a light beam toward the thicker side.

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Optical Components

Explore our extensive range of optical components designed for various applications. From lenses to prisms, windows to reticles, we have the solutions you need for your optical projects. Browse our

May 26, 2026 Hot

All Products

JTOPTICS 1.6T OSFP-XD DR8 optical transceiver, housed in an OSFP-XD package, is designed to enable 1.6T Ethernet connections over distances of up to

Sep 18, 2025 Hot

JT-COM AOC FIBER OPTIC CABLE 10G SFP+ (Multimode) SFP MODULE

Buy JT-COM AOC FIBER OPTIC CABLE 10G SFP+ (Multimode) SFP MODULE - 1m/2m/3m/5m/7m/10m/15 Meters online today! Brand Name: JT-COM Origin: Mainland China Item

Oct 05, 2025 Hot

Trumpf und Jenoptik gründen Joint-Venture für Laserkomponenten

JT Optical Engine wird optische Module, so genannte Optical Engines, für Faserlaser entwickeln, produzieren und vertreiben, berichten Trumpf und Jenoptik weiter. Die Optical Engine ist

Jul 12, 2025 Hot

JT-COM 5 pair 1Gb BIDI SC 5KM/20KM SFP Module

JT-COM 5 pair 1Gb BIDI SC 5KM/20KM SFP Module Gigabit Optical Single Mode Single Fiber Transceiver Compatible with Cisco Ethernet Switch

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JT-400G-QSFPDD-LC-FR4

JTOPTICS® 400Gb/s FR4 transceiver module is designed for high speed, long range 400 Gigabit Ethernet applications of up to 400 gigabits per second. The JT

Oct 04, 2025 Hot

JTOPTICS 10G/25G Transceivers | High-Performance 10G/25G ...

JTOPTICS® 25GBASE SR 100m SFP28 optical transceiver, is designed a high performance module for short range data communication and interconnect applications which operate at 25.78125 Gbps up to

May 25, 2026 Hot

Optical Transceivers

The Juniper QDD-2X400G-FR4-P is an 800GBASE-2FR4 optical transceiver module designed for high-performance data communication. Operating at a wavelength of

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Precision Optical Components

Jiu Tian Optoelectric is specializing in precision optical components, we manufacture include Micro Lenses, Optical Spherical Lenses, Optical Cylindrical Lenses,

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JT-COM 10G SFP+ duplex LC SFP Module Single Mode

JT-COM 10G SFP+ optical fiber module offers versatile compatibility with Cisco, Mikrotik, and Huawei switches. Available in single mode LC SFP with transmit

Aug 09, 2025 Hot

Optical Transceivers

JTOPTICS® Optical transceivers are critical components that enable high-speed data transmission over fiber optic networks in both data centers and telecom systems. These compact modules convert

Dec 03, 2025 Hot

JT-100G-QSFP28-LC-SRBD

JTOPTICS® JT-100G-QSFP28-LC-SRBD 2-Channel Qsfp28 Optical Transceiver Module Designed For 100Ge Ethernet Application Is A Small-Form-Factor Hot

Jul 08, 2025 Hot

Guide | JTOPTICS

Your go-to resource for understanding fiber optic essentials—learn about different types of fiber cables, connector types, MPO/MTP high-density solutions, and transceiver modules. Perfect for quick

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Data Center and Selection of Transceiver | JTOPTICS

Thus, optical module price and the costs related to it account for a large proportion of data center operating expenses. Therefore, choosing proper transceivers is of

Feb 22, 2026 Hot

JTOPTICS Optical Adaptors | High-Performance Optical Sol ...

JTOPTICS Optical Adaptors enable seamless connection between different types of fiber optic connectors. They are essential for maintaining network flexibility and ensuring minimal signal loss

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JT Ingram

JT Ingram Sales and Marketing provides sales and marketing support to companies in the optics, electro-optics, and fiber optic industries.

Oct 05, 2025 Hot

100G QSFP28 Optical Transceiver Data Sheet by

This module adeptly converts four input channels of 25Gb/s electrical data into four channels of CWDM optical signals, subsequently multiplexing them into a single

Sep 10, 2025

Contact Us

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