

10G Fiber Optic Converter and Repeater

The 10G Fiber Converter operates independently of protocols, equipped with dual XFP or SFP+ ports. Functioning as a 10G fiber mode or fiber repeater, it extends 10G network distances.

Payment
T/T by bank is our preferable payment method
we also accept different payments, such as: LC, Western Union, Paypal and Escrow

T/T LC **WESTERN UNION** **Paypal** **ESCROW**

Shipment
Lead time based on our strong production capacity, normally, the product can ready within 3 days
if the qty of the order is more than 500pcs, maybe we need a little more time
Delivery methods big order could be by sea or air, small volume could be by Express.
16.DHL.FEDEX.UPS.TNT.FEDMS

Warranty
All products have been checked and packed in good condition after our strict QC test, if you have any question, pls feel free to contact us, we would get it solved in limited time and our service would make you trust us.
3 years normal warranty is provided

Remark
we answer all your inquiries in 8hours or less, guaranteed, pls feel free to contact us below
TradeManager:traudcom
Skype: robot_luz905
Tel: 8620 71 372 00392 or 8620 1881 055582 (24hours for you)
<http://www.t-l.com.cn/>

ADDITIONAL IMAGES



Overview

High-Performance 10G Fiber Connectivity

The 10G Fiber Converter and Repeater is a protocol-independent solution designed to extend 10G network distances using dual XFP or SFP+ ports. It provides essential conversion between different wavelengths, single-mode and multi-mode fibers, or single-strand configurations. With integrated 3R signal regeneration (Re-amplify, Reshape, and Retime), it ensures high-quality, low-latency links for demanding telecommunications and data center environments.

Technical Performance

Transmission Speed

10 Gb/s
Nominal Speed

9.95 Gb/s
Min Range

11.35 Gb/s
Max Range

Signal Regeneration (3R)

Re-amplify, Reshape, Retime

Connectivity & Compatibility

Supported Protocols

- 10Gbase-R
- 10Gbase-LRM
- SDH/SONET STM-64
- OC-192
- 10G Fiber Channel
- 10G Ethernet

Interface Ports

SFP+ • XFP

Wavelength Conversion

- 850nm
- 1310nm
- 1550nm
- CWDM
- DWDM (ITUT prescribed)

Management & Features

Diagnostic Features

- DMI function for SFP+/XFP
- Loopback test function
- PRBS Generator and checker
- Full State LED display

Management Options

Web SNMP, Console, In-band Management

Physical Design



Front view of the 10G Fiber Converter showing SFP+/XFP slots and LED status indicators for power and link activity.

Installation Options

- Standalone (External Power)
- 2U Rack Mount (16 Slots)
- Plug-in Card

Operational Features

- Hot plugging support
- Jumbo Frame support
- Transparent transport

Application Areas

Target Applications

Telecommunication Room • R&D Laboratory • Data Center • 10Gbase-LAN • 10Gbase-WAN