

Single-mode fiber optic transceiver netlink



AI Overview

Netlink single-mode, single-fiber optic transceivers are high-performance devices designed for long-distance Ethernet transmission over single-mode fiber, supporting speeds from 100Mbps to 100Gbps depending on the model.

Key Features and Specifications

HTB-1100S
 Data Rate: 100Mbps Ethernet
 Transmission Distance: Up to 100km (depending on fiber quality)
 Interface: SC single-mode dual-fiber and RJ45 Ethernet port
 Power Consumption: ~3W, fanless and silent operation
 Operating Temperature: -10°C to 60°C
 Applications: Industrial parks, campuses, factories, and remote monitoring setups
 Performance: Stable signal with zero packet loss over 25km, low latency (100,000 hours, suitable for long-term unattended deployment)

HTB-GS-03 / HTB-GS-03AB
 Data Rate: Gigabit Ethernet (10/100/1000Mbps auto-negotiation)
 Transmission Distance: Up to 100km with single-mode fiber
 Interface: Single SC port for single-mode fiber, UTP port auto-negotiates Ethernet speed
 Features: LED indicators for monitoring, low power consumption (~1.5W), environmental hardening for extreme temperatures, supports jumbo frames up to 9K, isolation protection for data security

HTB-3100AB-25KM
 Data Rate: 100Gbps high-speed transmission
 Transmission Distance: Up to 25km
 Interface: Single-mode, single-fiber SC interface
 Applications: Enterprise networks, data centers, metro networks, and telecommunications infrastructure
 Performance: Carrier-grade reliability, low latency, minimal signal loss, ideal for backbone and high-bandwidth applications

Advantages of Netlink Single-Mode Single-Fiber Transceivers

Long-Distance Transmission: Single-mode fiber allows low attenuation (~0.35dB/km), enabling stable communication over tens to hundreds of kilometers.

High Reliability: Industrial-grade design ensures stable operation in harsh environments, with high MTBF and r...

Article Content

HTB-3100A/B netLINK 10/100M Single-mode Single

netLINK Series 10/100M Single-mode Single Fiber Converter is the conversion equipment of Ethernet optical-electronic signals between 10/100M UTP interface

How do You Connect Fiber Optic Cable to SFP?

Learn how to connect a fiber optic cable to an SFP module correctly. Follow our step-by-step guide, avoid common mistakes, and troubleshoot connection issues.

20/40/80 km multi-mode single-mode compatible netlink gigabit fiber ...

Netlink htb-gs-03-gm gigabit fiber optic transceiver, supporting 20/40/80 km multi-mode and single-mode dual-fiber transmission. compatible with both fc and sc interfaces, it offers stable

Fiber Optic Networking Products in Uganda

Fiber SFP 1.25g Transceiver Single Mode The 1.25G SFP LX Optical Transceiver is a hot-pluggable module designed for Gigabit Ethernet...

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

HTFuture offers industry-leading fiber optic products and WDM system solutions with global recognition for excellence and innovation.

Fiber Optic Transceiver Module

Find here Optical Transceiver, Transceiver Module manufacturers, suppliers & exporters in India. Get contact details & address of companies

StarTech Cisco GLC-LH-SMD Compatible SFP Module

StarTech Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LX/LH - 1GbE Single Mode Fiber Optic Transceiver - 1GbE SFP - LC 10km - 1310nm - DDM Cisco Firepower, ASR920, IE2000

netlink HTB-3100AB-25KM 100G Optical Transceiver – Single-Mode,

Equipped with a single-mode, single-fiber SC interface, this transceiver supports long-distance communication up to 25 kilometers, making it ideal for enterprise networks, data centers, and

Must-read for 2025! netlink htb-1100s single-mode fiber to rj45 ...

The top choice for security upgrades in 2025! the netlink htb-1100s single-mode fiber optic transceiver supports 100mbps speeds and a transmission distance of up to 100km. featuring an

Single-Mode vs Multi-Mode Compatibility — Guide, Best

Learn how single-mode and multi-mode transceivers differ, compatibility rules, testing tips, and best practices for reliable fiber deployments.

SFP Optical Transceiver Modules for Long Distance: A Complete

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and choose the right module for your

Netlink HTB-GS 03 20km Gigabit Single Fiber Optical

Netlink HTB-GS 03 20km Gigabit Single Fiber Optical Media Converter. Features: Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/IEEE802.3u

Fiber Optic Transceiver NetLink HTB-3100 Single-Mode

Fiber optic transceiver is a single-mode single fiber device that converts optical signals over distances up to 25 km (15.5 miles). It features an SC/UPC

HTB-GS-03-A/B netLINK 1000M Single-mode Single Fiber Optic

The transmission of a channel optical signals can be completed by single fiber. It has doubled in quantity of fiber data transmission compared with twin fiber type.

10/100m Single Mode Single Fiber Netlink Fiber Optic

This compact Fiber Media Converter transforms 100Base-T (Copper) media to 100Base-SX/LX (Fiber) media and vice versa. The 100Base-T RJ-45 port

Fiber Optical Transceiver Module Manufacturer,

10G Transceiver BIDI SFP+ designed for bi-directional 10G serial optical data communications. CWDM SFP+ operating at 1270-1610nm CWDM wavelengths

BCDA-Pamayanang Diego Silang | HTB-GS-03 A/B 1000Mbps Gigabit Fiber ...

OCR: netLINK Fiber Optic Device Ethernet. 802.3 Base-T/10 Base-FL CCUM Multi-mode Fiber (mode Fiber) 1025km Fast Ethernet: 802.3u iter (2km/Single-mode Fiber)

How Far Can a Fiber Optic Cable Be Run? Distance Guide

Fiber optic cable can be run anywhere from 300 meters up to 80 kilometers (roughly 50 miles) depending on the cable type, transceiver used, and network standard. For most enterprise or

Netlink Fast Ethernet Media Converter-FutureFiber Solutions

Product description 10/100/100M auto-adaptive Ethernet fiber optical transceiver, using the latest design, high-performance chips, high-quality optical transceiver module, stable function and excellent quality,

Fiber Optic Networking Products in Ghana

1.25G SC Single Mode WDM SFP transceiver module used for fiber optic networking.
Data Rate: 1.25...

BiDi SFP: The Complete Guide to Bidirectional SFP Transceivers and ...

BiDi SFP (Bidirectional Small Form-Factor Pluggable) transceivers have emerged as a powerful solution, enabling full-duplex communication over a single optical fiber. By using

BCDA-Pamayanang Diego Silang | HTB-GS-03 A/B 1000Mbps Gigabit Fiber ...

☐☐ HTB-GS-03 A/B 1000Mbps Gigabit Fiber Optical Media Converter Single Mode Fiber Converter Switch PHP650 · Taguig City, NCR HTB-GS-03 A/B 1000Mbps Gigabit Fiber Optical

5 Best LC Fiber Optic Patch Cord | Stop Replacing Broken Pigtails

The lc fiber optic patch cord that fits your link depends on whether you need single-mode reach, multimode density, or a multi-pack for a structured cabling refresh.

Complete Guide to Fiber Optic Cables for Data Centers

Everything you need to know about fiber optic cables for data center deployments. Covers OS2, OM3, OM4, OM5 cable types, LC/SC/MPO connectors, and distance and speed compatibility.

Contact Us

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