

Single-mode gigabit fiber optic transceiver netlink



AI Overview

The Netlink HTB-GS-03 is a single-mode gigabit fiber optic transceiver supporting long-distance data transmission up to 20 km with high stability and flexible fiber interface options.

Key Features

- Transmission Speed:** Supports 10/100/1000 Mbps Ethernet, ensuring smooth gigabit-level performance for large file transfers, HD video streaming, and enterprise networking.
- Fiber Type:** Single-mode fiber, compatible with single-fiber or dual-fiber setups, and supports SC, LC, and ST interfaces.
- Distance:** Capable of transmitting data over distances up to 20 km, with some models supporting even longer ranges depending on configuration.
- Auto-Negotiation:** Electrical interface auto-negotiates between 100 Mbps and 1000 Mbps, while the optical interface operates at 1000 Mbps.
- LED Indicators:** Equipped with LED lights for real-time monitoring of device status, aiding installation, commissioning, and maintenance.
- Power and Efficiency:** Low power consumption (~1.5W at full load) with external power supply, ensuring long-term stable operation.
- Durability:** Compact, sturdy design with good heat dissipation, suitable for various installation environments.
- Data Security:** Supports isolation protection to enhance data security during transmission.
- Standards Compliance:** Fully compliant with IEEE802.3, IEEE802.3u, and IEEE802.3z standards for Ethernet and fiber optic communication.

Practical Applications

- Home Networking:** Converts optical fiber signals to Ethernet, enabling high-speed broadband access.
- Enterprise Networks:** Acts as a backbone device for long-distance data transmission, improving network efficiency and reliability.
- Flexible Deployment:** Suitable for both single-fiber and dual-fiber configurations, making it adaptable to existing network infrastructures.

Installation and Use

The HTB-GS-03 is user-friendly: simply connect the fiber and network cable...

Article Content

Netlink gigabit transceiver evaluation ✂ 20-120km stable ...

Breaking down htb-gs-03: gigabit hard-core strength hidden in the metal shell The first impression of netlink htb-gs-03 is "solid".As a classic model launched in 2019, it didn't chase fleeting trends or

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.

Htb-Gs-03-A/B Netlink 1000M Single-Mode Single Fiber

netLINK Series Gigabit Fiber Converter can convert Optical↔Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 1000M optical fiber

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OptiLink Gigabit Simplex Single Mode Fiber Optic Media Converter 10/100/1000M RJ45 to SC Transceiver 3km A/B Pair CE RoHS \$9.20-9.30 4.8(197) MOQ: 10 pairs ≤1h response time

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StarTech Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LX/LH - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM Cisco

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Hilink Optics QSFP QSPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

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Matching products MiniGBIC Transceiver LC 1000BASE-LX SFP Singlemode, Gigabit Ethernet bis 10km pre-terminated fiber optic cables Fiber Optic Patch Cable Fiber Optic Cable Drum, 4 Fibers

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

Optic Modules Datasheet

Optic Modules Data Sheet ... SFP (form factor) = small form-factor pluggable transceiver SMF (media) = single-mode fiber-optic MMF (media) = multimode fiber-optic XFP (form factor) = 10-gigabit small

Netlink htb-gs-03ab gigabit single-mode single-fiber optical ...

Are you still struggling with the stability and transmission efficiency of your network monitoring system? the netlink htb-gs-03ab gigabit single-mode single-fiber optical transceiver lets you easily achieve

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Netlink Htb-gs-03a/b Gigabit Fiber Optic Transceiver

Extend your network with the Netlink Htb-gs-03a/b Gigabit Fiber Optic Transceiver pair. This single-mode, single-fiber SC transceiver supports distances up to 20km, converting fiber optic signals to

netlink Optical Transceiver HTB-3100AB-25KM 100 Gigabit Single

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

Startech Cisco SFP-10G-LR-40 Compatible SFP+ Module, 10GBASE

10 Gbps Single Mode Fiber LC 40 km (24.8 mi) Lifetime Warranty. The SFP-10G-LR-40-ST is a Cisco SFP-10G-LR-40 compatible fiber transceiver module that has been designed, programmed and

HTB-GS-03AB Gigabit Single Mode Single SC Port

The Gigabit Ethernet Media Converters with external power supply are designed

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

Netlink HTB-GS-03 Fiber Optic Media Converter

Netlink HTB-GS-03 gigabit media converter offers 20KM, 25KM, 40KM, and 60KM transmission distances. Ideal for FTTH, with single mode simplex fiber optic.| Alibaba

CONVERTER (ETHERNET MEDIA CONVERTER) (HTB

HTB-GS-03-A/B NetLink 1000M Single-mode Single Fiber Optic Ethernet Media Converter Description Netlink Series Gigabit Fiber Converter can convert Optical

Contact Us

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