HTB1100 Fiber Optic Transceiver Single Mode



Overview

HTB-1100 10/100Mbps Single Mode Single SC Port The 10/100Mbps Ethernet Media Converters with external power supply are designed to transmit and receive 10/.

Key Takeaways

The HTB-1100S is a 10/100Mbps single-mode fiber optic transceiver with SC dual-fiber interfaces, supporting long-distance Ethernet transmission up to 100km.

Key Specifications

Data Rate: 10/100Mbps adaptive Fast Ethernet with auto-negotiation for Full or Half Duplex. Transmission Distance: Up to 100km over single-mode fiber, depending on fiber quality and environmental conditions. Fiber Interface: SC single-mode dual-fiber (separate transmit and receive fibers) for stable long-distance communication.

Copper Interface: RJ45 port compatible with standard switches and NVRs, supporting MDI/MDI-X auto crossover. Power Supply: Wide input range, DC 5V ±10%, or AC 110–240V to DC 5V; low power consumption (~3W) with fanless, silent operation. Operating Temperature: -10°C to 60°C (some models rated up to +70°C), suitable for industrial environments.

MTB

F: Exceeds 100,000 hours, ensuring reliable long-term deployment.

LE

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D Indicators: Power, FX FDX, FX Link/Act, TX 100, TX FDX, TX Link/Act for real-time monitoring. Performance and FeaturesLong-Distance Capability: Optimized laser launch power and high receiving sensitivity allow stable transmission with zero packet loss over 25km in real-world tests, making it ideal for HD video streaming and remote monitoring.

Industrial-

Grade Stability: Single-mode fiber reduces attenuation (~0. 35 dB/km) and is resistant to electromagnetic interference, ensuring reliable operation near high-voltage equipment or motors.

Plug-and-

Play Installation: Compact metal housing allows easy installation in cabinets or wall mounts without configuration. Surge Protection: Built-in protection against lightning and voltage spikes enhances durability in outdoor or semi-outdoor deployments.

Applications

Enterprise LA

N Expansion: Extends network reach across campuses, factories, or industrial parks. Remote Monitoring: Supports long-distance video surveillance and security systems.

Fiber-to-the-

Home (FTTH): Suitable for telecom and broadband deployments requiring reliable single-mode fiber links. Industrial Networks: Operates reliably in harsh environments with wide temperature ranges and electromagnetic interference.

Summary

The HTB-1100S is a robust, energy-efficient, and industrial-grade single-mode fiber optic transceiver designed for long-distance Ethernet transmission. Its combination of dual-fiber SC interfaces, low power consumption, high MTBF, and wide operating temperature range makes it ideal for enterprise, industrial, and remote monitoring applications where reliability and stable high-speed connectivity are critical.

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Article Content

HTB-1100 10/100Mbps Single Mode Single SC Port

The 10/100Mbps Ethernet Media Converters with external power supply are designed to transmit and receive 10/100Mbps data over optical fiber.

HTB-1100S netLINK 10/100M Single-mode Fiber Optic Ethernet Media

Description netLINK Series Fiber Media Converter is the conversion equipment of Ethernet optical-electronic signals between 10/100M UTP interface (TX) and 100M Fiber interface (F X). The

HTB-1100S Mini Media Converter – 1x RJ45 to 1x

This lineup combines the best of two worlds – short-haul Multi-mode and long-range Single-mode. Utilizing advanced engineering standards, these are ideal for

10/100Mbps HTB-1100S Optical Fiber Media Converter

10/100Mbps HTB-1100S Optical Fiber Media Converter 25km HTB -1100S is 10/100M adaptive fast Ethernet optical transceiver.

Media convertor 10/100 NETLINK HTB-1100S

netLINK Series Fiber Media Converter is the conversion equipment of Ethernet optical-electronic signals between 10/100M UTP interface (TX) and 100M Fiber

Sm Duplex Fiber Ftth Htb-1100s Netlink Fiber Media Converter Single ...

HTB -1100S is 10/100M adaptive fast Ethernet optical transceiver can achieve two different twisted-pair cable

Netlink Htb-1100 Fiber Optical Media Converter 100m Double-fiber

This single-mode, double-fiber media converter supports 100Mbps data transmission over distances up to 100km, making it ideal for enterprise networks, ISP backbones, and industrial communication

NetLINK HTB-1100S 10/100M fiber Optic Media converter

This compact and efficient device converts electrical Ethernet signals transmitted over twisted pair cables into optical signals that can travel over fiber optic cables

Small Form-factor Pluggable

SFP transceivers are available with a variety of transmitter and receiver specifications, allowing users to select the appropriate transceiver for each link to provide the required optical or electrical reach over

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Huijue Optical Transceiver Modules | eBay

1.25G Fiber Optical Module 1310/1550nm 3/20KM Single-Mode SC Transmitter Receive Brand new | Business EUR 5.96 to EUR 10.21 Buy It Now

HTB-3100 10/100M Single Mode SC Port Optical Media ...

This single-mode SC port optical media transceiver extends Ethernet signals over fiber optic cables, ideal for FTTH and FTTx applications. With its robust metal housing and advanced features, the HTB

NetLink HTB-1100 Optical Media Converter 10/100Mbps RJ45

HTB -1100 is 10/100M adaptive fast Ethernet optical transceiver. It can achieve two different twisted-pair cable and optical fiber transmission medium of transformation, relay base - TX 10/100 and 100 base -

HTB-1100-2KM 10/100Mbps RJ45 Multi-Mode Duplex Fiber SC Optical

Typical distance: 2KM. Duplex mode: full or half duplex mode. Fiber Optic Cleaver. Fiber Optic Cleaner. Fiber Optic Tool Kit. FDX/Col Green Lit when full duplex mode is enabled. Blinking

Netlink HTB-1100 10/100/1000Mbps Multi-Mode Duplex Fiber Transceiver ...

netlink HTB-1100 10/100/1000Mbps Multi-Mode Duplex Optic Fiber Transceiver offers 2KM fiber Ethernet media conversion for CCTV FTTH. Durable & efficient.| Alibaba

HTB-3100AB 10/100Mbps Single Mode Single SC Port

10/100Mbps Single Mode Single SC Port Fiber Optic al Media Converter Overview The 10/100Mbps Ethernet Media Converters with external power supply are

HTB-1100-2KM 100M Fiber Optic Transceiver Dual Mode Optical

Buy HTB-1100-2KM 100M Fiber Optic Transceiver Dual Mode Optical Converter SC router tool online on Amazon.ae at best prices. Fast and free shipping free returns cash on delivery available on eligible

Jual Htb Terbaru

Daftar Harga Htb Terbaru Juli 2026 Harga HTB-3100 A+B Fiber Optical Media Converter RJ45 Netlink 1 Pasang 25KM Rp127.300 Harga Fiber Media Converter HTB-3100A / B Konverter Fiber Optikal 10 /

netlink HTB 1100S HTB-3100AB Single mode Muti mode 10 100M fiber optic ...

The Netlink HTB 1100S / HTB-3100AB fiber optic media converter is a high-performance, dual-mode (Single mode / Multi mode) networking solution engineered for 10/100M Ethernet over fiber.

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