

Single-mode Fast Media Ethernet Converter + Optical Fiber Media Converter 4 Ports RJ45

Model: HTB-3100-A/B x4



Description:

Optical media converter Netlink HTB-3100B is used to convert a signal from a copper distribution medium (Ethernet) to a signal for an optical distribution medium (Fiber) and vice versa.

Practical application, interconnecting two segments of an Ethernet network, which are located at a distance of up to 25 km, using a fiber optic cable.

Features:

- An RJ45 ports and a single-fiber SC optical port, to achieve optical signal conversion between 10/100base TX twisted pair (Ethernet) and 100base FX (fiber optic);
- Core optical fiber can be completed in just one way signal transmission compared to dual fiber optic data transmission mode to improve the quantity doubled;
- Compliance with IEEE802.3 10Base-T and IEEE802.3u 100Base-TX, 100Base-FX standards;
- Has 10M/100M adaptive capacity
- Ethernet interface can adaptively direct line / crossover cable connection
- Support full / half-duplex mode
- Support IEEE802.3X duplex flow control and half-duplex backpressure flow control
- Supports broadcast storm prevention function
- Built- in lightning protection circuit, which can greatly reduce the damage caused by lightning induction
- UTP up to 100 meters; longest 100 km single-mode fiber
- External supply AC100 ~ 265V / DC5V adapter
- Working temperature: 0 ~ 50 degree
- Storage temperature: - 40 ~ 70 degree
- Transceiver Dimensions: 70 × 26 × 93mm

Usage Instructions:

Designations are written on the underside of the media converter housings and on the boxes.

To use the Netlink HTB-3100 pair, you must first turn off the power of the network devices to which the media converters will connect and make sure that these devices are not active on the network. Next, you need to connect the fiber optic cable, which is equipped with SC type connectors, to the optical sockets

of the media converters marked TX. The wavelength of the transmitted light is 1310 nm. Now you need to connect UTP cables that are equipped with RJ45 connectors to the Ethernet jacks of media converters. UTP cables must be Cat. 5. After that, you can connect the plugs from the power adapters that are included in the package to the media converter sockets marked 5VDC.

After connecting the power on both the Media Converter, the LED marked PWR should be lit.

After connecting the power to the media converters, you need to turn on the power back to the network devices to which the HTB-3100 connected.



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