Netlink 10/100M Ethernet Fiber Media Converter

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 (FX). The traditional 10/100M Fast Ethernet can be extended to the distance of 120km through optical fiber link. The performance and quality of the products are excellent because of adopting latest IC. 6 Group LED indicated lights could fully monitor the working conditions of Converters. It is easy for users to observe the network operations. The Series products with reasonable price are especially designed for network users.

Feature

- Auto negotiation function allows UTP port to select the transmission mode of 10/100M and Full Duplex or Half Duplex.
- UTP port supports MDI/MDI-X auto crossover.
- Multiple optical interface to be chosen: SC,ST or FC,singlemode/multimode
- Supporting 1552 Byte packet
- Internal circuit of prevented thunder could greatly reduce damage of the converter caused by thunderbolt induction.
- Design of internal or external power supply for selection by users

Specification

- Operating standards: IEEE802.3u, 10/100Base-TX and 100Base-FX
- MAC address table: 1K
- Connector:
  - UTP: RJ-45 10/100Mbps;
  - Fiber: ST/SC/FC 100Mbps
- Cable:
  - UTP: Cat. 5 UTP (the max distance up to 100m)
  - Fiber (Multimode): 50/125, 62.5/125μm(the max distance up to 2km or 5km)
  - Fiber (Singlemode): 8.3/125, 8.7/125, 9/125, 10/125μm(the max distance up to 20 -120km)
- Flow Control
  - Full Duplex: Supporting standard IEEE802.3x
  - Half Duplex: Backpressure
- LED: Power, FX FDX, FX Link/Act, TX 100, TX FDX, TX Link/Act.
- Power: AC 110V-240V to DC 5V; DC 48V to DC 5V.
- Ambient Temperature: 0 ～ 70℃
- Humidity: 5% ～ 90%
- Dimensions:
  - Internal power: 30×110×140mm
  - External power: 26×70×93mm

Order Information

Type	Fiber type	Connector	Wavelength	TX power	Sensitivity	Max.distance	Link Budget
HTB-1100	multimode	ST/SC	850/1310nm	-20~-12dBm	-30dBm	2km	10dBm
HTB-1100S-20	singlemode	ST/SC	1310nm	-14~-8dBm	-32dBm	20km	18dBm
HTB-1100S-40	singlemode	SC	1310nm	-8~-3dBm	-33dBm	40km	25dBm
HTB-1100S-60	singlemode	SC	1310nm	-3~0dBm	-38dBm	60km	35dBm
HTB-1100S-80	singlemode	SC	1550nm	-8~-3dBm	-35dBm	80km	27dBm
HTB-1100S-100	singlemode	SC	1550nm	-5~0dBm	-36dBm	100km	31dBm
HTB-1100S-120	singlemode	SC	1550nm	-3~3dBm	-38dBm	120km	35dBm

Tel: 0212 320 4030 Faks: 0212 320 0255 e-mail: bilgi@gym-tech.net