

# MEDIA CONVERTERS



## 1.General

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. T-Link Series Converters could be used alone; But Converter Card should be inserted to 16 slots RACK supplied by G. T. Corp., which is suitable for the use of Network Centre.

## 2.Main features:

- Ethernet Fiber Converter: 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.
- Fast Ethernet Converter: Multiple optical interface to be chosen: SC, ST, singlemode /multimode.
- Fast Media Converter 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.
- Easy-to-view LED indicators provide status to monitor network activity easily
- External Power Supply (included)

## 3.Technical Specifications:

- Operating standards: IEEE802.3u, 10/100Base-TX and 100Base-FX
- MAC address table: 4K
- Connector: UTP: RJ-45 10/100Mbps; Fiber: ST 100Mbps
- Cable: UTP: Cat. 5 UTP (the max distance up to 100m) , Fiber ( Multimode): 50/125, 62.5/125um(the max distance up to 2km or 5km)

- Fiber ( Singlemode): 8.3/125, 8.7/125, 9/125, 10/125um(the max distance up to 20 -120km)
- Flow Control
- Full Duplex: Supporting standard IEEE802. 3x
- Half Duplex: Back pressure
- LED: Power, FX FDX, FX Link/Act, TX 100, TX FDX, TX Link/Act.
- Power: AC 90 ~ 260V; DC 5V. US plug
- Ambient Temperature: 0 ~ 70degree
- Humidity: 5 ~ 90%

#### 4.Package:

- 1 x HTB-1100 Ethernet Converter
- 1 x power cable adapter
- 1 x user manual

#### Netlink Fiber Dönüştürücüler (Media converter)

HTB-1100-2km-ST Multimode 10/100 fiber dönüştürücü

HTB-1100S-25km-SC Singlemode 10/100 fiber dönüştürücü

HTB-1100S-40km-SC Singlemode 10/100 fiber dönüştürücü

HTB-1100-60km-SC Singlemode 10/100 fiber dönüştürücü

HTB-GM03 multimode SC 850nm 224/550m Link Budget : 8dBm

HTB-GS03-10 singlemode SC Dalgaboyu: 1310nm Mesafe: 10km Link Budget : 8dBm

HTB-GS03-20 singlemode SC Dalgaboyu:1310nm Mesafe: 20km Link Budget :13dBm

HTB-GS03-30 singlemode SC Dalgaboyu:1310nm Mesafe:30km Link Budget :20dBm

HTB-GS03-40 singlemode SC Dalgaboyu:1550nm Mesafe:40km Link Budget :16dBm

HTB-GS03-50 singlemode SC Dalgaboyu:1550nm Mesafe:50km Link Budget :20dBm

HTB-GS03-70 singlemode SC Dalgaboyu:1550nm Mesafe:70km Link Budget :25dBm

