

10/100/1000 base dual fiber media converters**Description**

Gigabit Fiber Converter can convert Optical-Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 1000M optical fiber interface (FX). The traditional 10/100/1000M gigabit Ethernet can be extended to the distance of 100km through optical fiber link.

Main features

1. Auto negotiation function allows UTP ports to auto select 10/100/1000M and Full Duplex or Half Duplex.
2. UTP port supports MDI / MDI-X auto crossover.
3. Supporting the max 1536 byte Ethernet packet.
4. Supporting flow control
5. Adopting internal power supply

Technical Specifications

* Operating standards: IEEE802. 3z/AB 1000Base-T, 1000Base-SX/LX

* MAC address table:

4K

* Data Buffer: 256K

* Connector: UTP: RJ-45, 10/100/1000Mbps, Fiber: SC, 1000Mbps

* Cable

UTP: Cat 5e or Cat 6 (the max distance up to 100m)

Fiber (multimode): 50/125, 62. 5/125 μ m (the max distance up to 550/224m)

Fiber (singlemode): 8. 3/125, 8. 7/125, 9/125 μ m (the max distance up to 100km)

* Flow control

Full Duplex: IEEE802. 3x flow control

Half Duplex: Back pressure flow control

* Power: A. C. 220V (170-250V), 50Hz; D. C. 5V,2A

* Ambient temperature: 0 ~ +50degree

* Storage temperature: -20 ~ +70degree

* Humidity: 5% ~ 90%

Order Information

D1000-GM03: 10/100/1000M Gigabit Ethernet Multimode Converter: Optical wavelength 850nm, optical fiber max distance up to 224m for 62. 5 μ m, 550m for 50 μ m

D1000-303S-xx: 10/100/1000M Gigabit Ethernet Singlemode Fiber Converter: Optical wavelength 1310 or 1550nm, optical fiber max distance up to 20, 40, 60, 80 or 100km, xx is the amount of distance.

For detailed inquiry please contact our sales team at: sales@HuihongFiber.com .