

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

10/100 base dual fiber Series Optic 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.

This Series products with reasonable price are especially designed for network users.

Main features

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

Technical Specifications

* 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. 5/125 μ m(the max distance up to 2km or 5km)

Fiber (Singlemode): 8. 3/125, 8. 7/125, 9/125, 10/125 μ m(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 170 ~ 240V; DC 5V.

* Ambient Temperature: 0 ~ 70° C

* Humidity: 5 ~ 90%

Order Information

D10100: 10/100M multimode Converter, the max optical fiber distance up to 2 or 5 km.

D10100-xx: 10/100M singlemode Converter, max optical fiber distance from 20 to 120 km, xx is the amount of distance.

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