

10/100/1000 base single fiber media converters

Gigabit Single 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 90km through single optical fiber link. The performance and quality of the products are excellent because of adopting latest Gigabyte IC from USA and Taiwan. It must be used in couples, because the transmitted optical differs from the receive optical in wavelength

Main features

1. The transmission of a channel signals can be completed by single fiber. It has doubled in quantity of fiber data transmission compared with twin fiber.
2. Auto negotiation function allows UTP port to auto select 10/100/1000M and Full Duplex or Half Duplex
3. The UTP port supports MDI / MDI-X auto crossover.
4. Supporting the max 1536 bytes packets
5. Adopting internal power supply to insure equipment at long-hours work stably.

Technical Specifications

- * Operating standards: IEEE802. 3z/AB, 1000Base-T and 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 (singlemode): 8. 3/125, 8. 7/125, 9/125, 10/125μ m (the max distance up to 90km)
- * Flow control:
 - Full Duplex: IEEE802. 3x
 - Half Duplex: Back pressure
- * Power: AC 90 ~ 240V; DC 5V.2A
- * Ambient temperature: 0 ~ +50° C
- * Storage temperature: -20 ~ +70° C
- * Humidity: 5% ~ 90%

Order Information

S1000-GS03-W1/2 -xx: 10/100/1000M singlemode single fiber converters must be used and ordered in pair. The max distance of fiber is up to 20, 40, 60 or 80km. XX is the amount of distance

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