

MINI 10/100/1000M SC Media Converter



Applications

Gigabit Fiber Media Converter can convert Optical – Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 100/1000M optical fiber interface (FX). The traditional 10/100/1000M gigabit Ethernet can be extended to the distance of 100km through optical fiber link. The performance and quality of the products are excellent because of adopting latest Gigabit IC from USA and Taiwan. 2 Group LED indicated lights could fully monitor the working conditions of converters. It is easy for users to observe and diagnose the failure of converters. Gigabit Converters could be used alone; Converter Standalone should be inserted to 14 slots RACK supplied. which is suitable for the use of Network Centre.

Main features

- ◆ Auto negotiation function allows UTP ports to auto select 10/100/1000M and Full Duplex or Half Duplex.
- ◆ The UTP port supports the connection of MDI/MDI-X auto crossover.
- ◆ Multimode Fiber: the max distance up to 224m/ 550m
Singlemode Fiber: the max distance up to 100km
- ◆ Supporting the max 9000 byte Ethernet packet
- ◆ Supporting flow control
- ◆ Adopting internal power supply
- ◆ DIP SWITCH

	Switch	Function	Switch	Function
Switch 1	OFF	Disable Link Fault Pass-Through	ON	Enable Link Fault Pass-Through
Switch 2	OFF	Switch mode	ON	Converter mode (9k)
Switch 3	OFF	Flow control disable	ON	Flow control enable
Switch 4	OFF	FX Speed 1000Mbps	ON	FX Speed 100Mbps

Technical Specifications

- ◆ Operating standards: IEEE802.3z/AB, 10/100/1000Base-T and 100/1000Base-SX/LX/HX
- ◆ MAC address table: 4K
- ◆ Data Buffer: 256K
- ◆ Connector: UTP: RJ-45,10/100/1000Mbps; Fiber: LC/SC,100/1000Mbps
- ◆ Cable :
 - UTP cable: 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)
 - singlemode : 8.3/125, 8.7/125, 9/125 μ m (the max distance up to 100km)
- ◆ Flow control
 - Full Duplex: IEEE802.3x
 - Half Duplex: back pressure.
- ◆ Power: AC 220V(170-260V) 50Hz; DC 5~12V
- ◆ Ambient temperature: 0 ~ +50 $^{\circ}$ C
- ◆ Storage temperature: -20 ~ +70 $^{\circ}$ C
- ◆ Humidity: 5% ~ 90%
- ◆ Dimensions: External Power: 24 (high) x 50 (width) x 69 (length) mm

Order Information

Model	Product description
MINI G1FIT	10/100/1000M SFP Slots Media Converter, without SFP module
SFP Module	1.25G SFP module, multimode or singlemode or singlemode single fiber, 850nm, 1310nm, 1550nm