

Synergy Telecom P Ltd.

10/100M SFP Media Converter



FEATURES:

- Conversion between different transmission speeds and media types
- Standalone and compact hardware design
- Auto-negotiating Ethernet port (Speed and Half/Full Duplex)
- Auto-crossover Ethernet port (Supports Auto MDI/MDI-X)
- Standard open Fiber slots for SFP Transceiver
- Built-in Link Loss Forwarding Technology
- Easy Installation, Easy Troubleshooting

Specification:

Standard Compliance

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3x Flow Control and Back pressure

Connector and Interface

- Fiber: SFP 3.3V
- RJ-45 Socket: CAT-5 (10/100Mbps) Twisted Pair cable Auto MDI/MDI-X and Auto-Negotiation Function Support

Switch Architecture

- Store and Forward

Fiber Parameters

- Fiber Core
 - o Multi-Mode (62.5/125um, 50/125um)/Single-Mode (8/125um, 10/125um)
- Wavelength:
 - o 1310nm (Multi-mode) / 1310/1550nm (Single-mode)
- Fiber Distance:
 - o Multi-Mode Fiber (2KM) / Single-Mode Fiber (20-120 KM)

Link Loose Forward

- TX to Fiber: If TX port link down, then converter will forced fiber to link down.
- Fiber to TX: If Fiber port link down, the media converter will forced TX port to link down.

DIP Switch

- DIP Switch 1: UTP auto-Negotiation / 100Mbps Full Duplex mode
- DIP Switch 2: Fiber Full/Half duplex
- DIP Switch 3: LLF (Link Lose Forwarding) Disable / Enable
- DIP Switch 4: Switch converter / Pure converter mode

LED Indication

- FEF,SPD,FX-LINK,TX-LINK,PWR,FDX

Power

- Stand-alone (external adapter):DC 5V / 1A

Dimension

- 120 (L) x 92 (W) x 26(H) mm, power external

Operation Environment

- Operating temperature: 0°C ~ 70°C
- Storage temperature: - 40°C ~ 85°C
- Operating humidity: 10% ~ 90%, non-condensing

Certifications

EMC

- FCC Part15 (Class A)
- CE EMC (Class A)

Safety

- UL , CE, FCC

ORDERING INFORMATION:

MODLE NAME SPEED

Mbps FIBER WAVELENGTH

nm DISTANCE

Km CONNECTOR POWER

FHC0110-3M02A10-LD5 10/100 DF,MM 1310 2 LC EXTERNAL DC5V 1A

FHC0110-3S20A20-LD5 10/100 DF,SM 1310 20 LC INTERNALAC220V/DC-48V
FHC0110-5S80A10-LD5 10/100 DF,SM 1550 80 LC EXTERNALDC5V 1A
FHC0110-3S20B10-LD5 10/100 SF,SM 1310/1550 20 LC EXTERNALDC5V 1A
FHC0110-5S100B10-LD5 10/100 SF,SM 1310/1550 100 LC EXTERNALDC5V 1A

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