Gigabit Ethernet Fiber Media Converter with Open SFP Slot

**Product ID:** ET91000SFP2



The ET91000SFP2 Open SFP Fiber Media Converter converts and extends a Gigabit Ethernet connection over fiber, using the Gigabit SFP of your choice.

A versatile solution for connecting an Ethernet (1000Base-T) network to remote network segments over a fiber backbone, the media converter features an open SFP slot that lets you choose the MSA-Compliant Gigabit SFP that best suits your fiber connection mode (single / multi-mode) and distance requirements (see our full line of  for compatible solutions).

The fiber to Ethernet converter has a durable all-steel chassis and offers simple plug-and-play installation, while support for full-duplex operation and Jumbo Frame support provides efficient network operation.

For added versatility, this Gigabit media converter supports standalone operation, or installation into the 20 Slot, 2U Rackmount Chassis (ETCHS2U). For applications where multiple chassis-mounted media converters are required, this Gigabit media converter can be purchased as a Card Module only (ET91000SFP2C).

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

## Applications

• Cost-effective way to extend/bridge networks using fiber cabling

• Provides connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether

• Perfect for secure connections required by government agencies where EMI is not acceptable

• Connect traffic control/monitoring systems at extreme distances to the main office

• Extend network connectivity to remote areas of stadiums, auditoriums or other venues

## Features

• Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis

• Open SFP slot supports MSA-Compliant Single / Multi-Mode Gigabit SFPs at varying distances

• Advanced features include Link-loss forwarding, remote monitor status, two frame lengths

• Supports full or half-duplex operation

• Easy to use and install

• Jumbo Frame support

| Hardware | | |
|---|---|---|
| | Warranty | 2 Years |
| | PoE | No |
| | WDM | No |
| | Industry Standards | IEEE 802.3ab 1000BASE-T |
| | | IEEE 802.3z 1000BASE-SX |
| | | IEEE 802.3z 1000BASE-LX |
| | Chipset ID | Marvell - 88E1111 |
| **Performance** | | |
| | Maximum Data Transfer Rate | 1.25 Gbps |
| | Fiber Operating Mode | Half/Full-Duplex |
| | Auto MDIX | Yes |
| | MTBF | 65, 000 Hours |
| **Connector(s)** | | |
| | Local Unit Connectors | RJ-45 |
| | | SFP Slot |

**Special Notes / Requirements**

| | | |
|---|---|---|
| | Note | Fiber data transfer speeds and distances are dependent on the SFP used (sold separately) |

**Power**

| | | |
|---|---|---|
| | Power Source | AC Adapter Included |
| | Input Voltage | 100 - 240 AC |
| | Input Current | 0.36 A |
| | Output Voltage | 12V DC |
| | Output Current | 1 A |
| | Center Tip Polarity | Positive |
| | Plug Type | M |
| | Power Consumption (In Watts) | 8 |

**Environmental**

| | | |
|---|---|---|
| | Operating Temperature | 0C to 60C (32F to 140F) |
| | Storage Temperature | -10C to 70C (14F to 158F) |
| | Humidity | 10~90% RH (Non-Condensing) |

**Physical Characteristics**

| | | |
|---|---|---|
| | Color | Black |
| | Material | Steel |
| | Product Length | 6.1 in [15.4 cm] |
| | Product Width | 3.5 in [88 mm] |
| | Product Height | 0.9 in [23 mm] |
| | Weight of Product | 14.0 oz [396 g] |

**Packaging Information**

| | | |
|---|---|---|
| | Package Length | 8.2 in [20.8 cm] |
| | Package Width | 5.4 in [13.7 cm] |

| | | |
|---|---|---|
| | Package Height | 3.6 in [92 mm] |
| | Shipping (Package) Weight | 27.7 oz [786 g] |

**What's in the Box**

| | | |
|---|---|---|
| | Included in Package | Fiber Media Converter |
| | | Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand |
| | | Grounding Screw |
| | | Instruction Manual |

*\*Product appearance and specifications are subject to change without notice.*