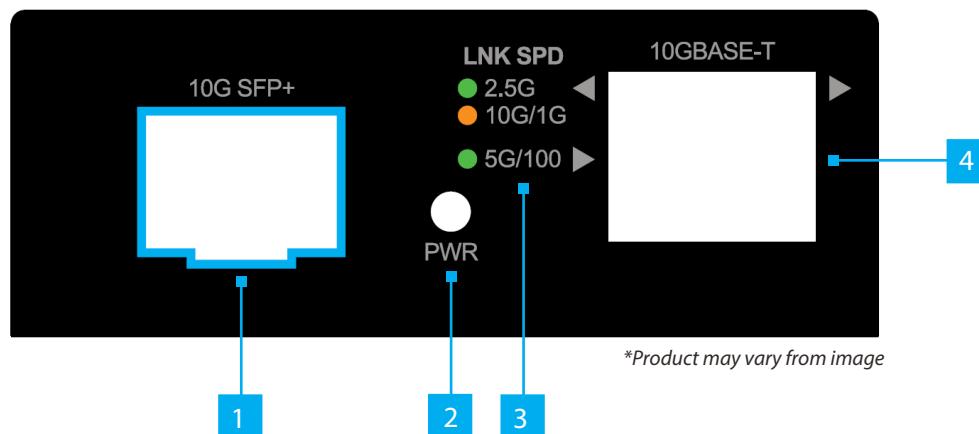


10GbE Fiber Media Converter - Open SFP+ Slot - Multigigabit Support

Product ID

MCM10G6SSFP



| | Feature | Function |
|---|------------------------|---|
| 1 | SFP+ Slot | <ul style="list-style-type: none">Insert an SFP+ Module into the Media Converter |
| 2 | PWR | <ul style="list-style-type: none">Solid Green<ul style="list-style-type: none">Power is activeOff<ul style="list-style-type: none">Power is inactive |
| 3 | LEDs | <ul style="list-style-type: none">Solid Green<ul style="list-style-type: none">To indicate that the port is operating at 2.5GbpsSolid Orange<ul style="list-style-type: none">To indicate that the port is operating at 10/1GbpsGreen - Off<ul style="list-style-type: none">To indicate that the port is operating at 5Gbps/100Mbps |
| 4 | RJ45 Port | <ul style="list-style-type: none">Connect an Ethernet Cable to the Media Converter |
| 5 | 5V DC Port (Not Shown) | <ul style="list-style-type: none">Connect the Universal Power Adapter to power the Media Converter |

Package Contents

- Media Converter x 1
- Universal Power Supply x 1
- Quick-Start Guide x 1

Requirements

For the latest manuals, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/MCM10G6SSFP

Installing the Media Converter

Connecting the Media Converter

Note: The distance capabilities of the **Media Converter** are variable and depend on the **SFP+ Module** and the **Fiber-Optic Cable** used.

- Turn off the **Networking Equipment** that will be connected to the **Media Converter**.

2. Remove the **Dust Cover** from the **SFP+ Slot**.
3. Insert a **10G SFP+ Module** (sold separately) into the **SFP+ Slot** on the **Media Converter**.
4. Remove the **Dust Cover** from the **SFP+ Module**.
5. Connect a **Fiber Cable** (sold separately) to the **Fiber Ports** on the **SFP+ Module**.
6. Connect the other end of the **Fiber Cable** to the **Fiber-Network Device**.

Note: For **Duplex Fiber Cables**, the TX and RX connectors must be paired at both ends of the connection. For example TX to RX, and RX to TX.

7. Connect a **Cat6/6a Cable** (sold separately) to the **RJ45 Port** on the **Media Converter**.
8. Connect the other end of the **Cat6/6a Cable** to the **Ethernet Network Device**.

Powering the Media Converter

Note: Skip these steps if the **Media Converter** is installed in the **Media Chassis**.

1. Connect the **Universal Power Adapter** to the **5V DC Port** on the **Media Converter**.
2. Connect the other end of the **Universal Power Adapter** to an **AC Electrical Outlet**. The **PWR LED** (power) should light up solid green.
3. Turn on the connected **Networking Equipment** that was turned off in previous steps.

Note: Check the link budget of your SFP+ modules, as well as the module's intended wiring distance. SFP+ modules are designed to transmit signals over large distances. If the physical wiring distance is too short, the transmitting optical signal (laser) may be too strong and damage the receiving SFP+ module. An in-line optical attenuator may be required to protect it from damage.

Warning: There may be a delay (up to 10 seconds) establishing a network connection when connecting the **Media Converter** to a **Network Device**.

Duplex Mode Support

The **Media Converter's RJ45 Port** supports up to 10G and will automatically negotiate the connection type. By default, it will automatically detect the link speed and the duplex mode of your connected equipment.

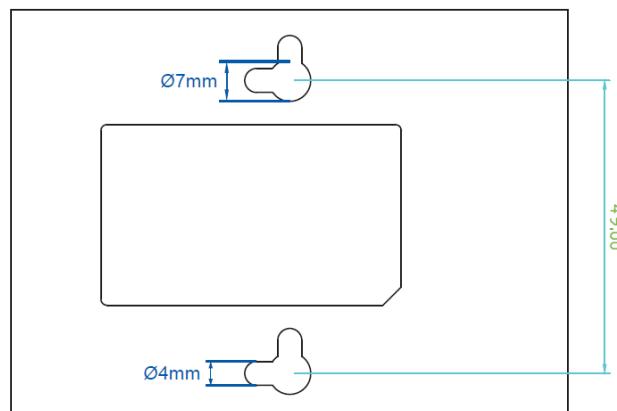
The **Media Converter's Fiber-Optic Port** (10GBase-LR/SR/BX) allows 10G full duplex auto-negotiation. Check to ensure the duplex setting of the connected fiber equipment matches the duplex setting of the **Media Converter**.

(Optional) Wall-Mounting the Media Converter

Note: Before mounting the media converter to a wall, please check for the location of a nearby electric outlet.

1. Determine the desired location to wall-mount the **Media Converter**.
2. Using appropriate screws (not included), install two screws on the wall, spaced 49mm apart. (See Figure 1.)
3. Using the holes on the bottom, hang the **Media Converter** on the screws

Figure 1 (Not to scale)



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