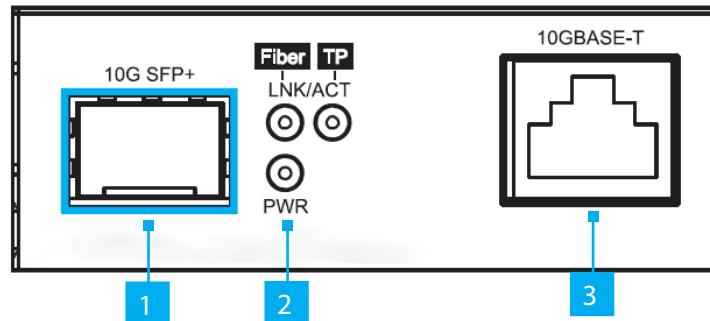


## 10GBase-T Ethernet to 10GBase-X Fiber Media Converter - Open SFP+ Slot

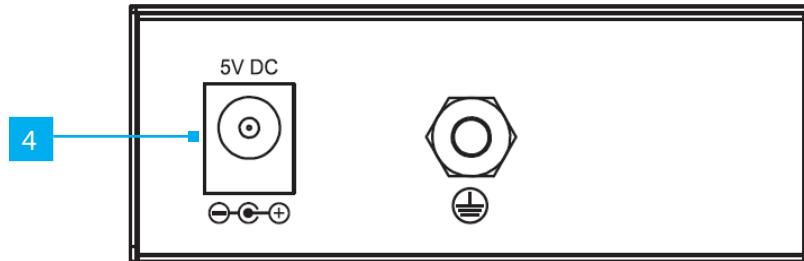
### Product ID

MCM10GSFP2

### Front View



### Rear View



\*Product may vary from image

	Feature	Function
1	SFP+ Slot	<ul style="list-style-type: none"><li>Connect an <b>SFP+</b> to the <b>Media Converter</b>.</li></ul>
2	LEDs	<ul style="list-style-type: none"><li>Link<ul style="list-style-type: none"><li>Solid Green: Link speed of 10G</li></ul></li><li>Power<ul style="list-style-type: none"><li>Solid Green: <b>Media Converter</b> is receiving power.</li></ul></li></ul>
3	RJ45 Port	<ul style="list-style-type: none"><li>Connect an <b>Ethernet Network Device</b> to the <b>Media Converter</b>.</li></ul> <p><b>Note:</b> The LED Indicators on the RJ45 port are inactive.</p>
4	5V DC Port	<ul style="list-style-type: none"><li>Connect the <b>Universal Power Adapter</b> to power the <b>Media Converter</b>.</li></ul>

### 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/MCM10GSFP2](http://www.StarTech.com/MCM10GSFP2)

## Installing the Media Converter

### Connecting the Media Converter

1. Turn off the **Networking Equipment** that will be connected to the **Media Converter**.
2. Remove the **Dust Cover** from the **SFP+ Slot**.
3. Insert an **MSA-compliant 10GbE SFP+ Module** (sold separately) into the **SFP+ Slot** on the **Media Converter**.

**Note:** The Media Converter can only be used with 10GbE SFP+ Module.

4. Remove the **Dust Cover** from the **SFP+ Module**.
5. Connect a **Fiber-Optic Cable** (sold separately) to the **Fiber-Optic Ports** on the **SFP+ Module**.
6. Connect the other end of the **Fiber-Optic Cable** to the **Fiber-Network Device**.

**Note:** For Duplex Fiber Optic 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 **Cat 6/6a Cable** (sold separately) to the **RJ45 Port** on the **Media Converter**.
8. Connect the other end of the **Cat 6/6a Cable** to the **Ethernet Network Device**.

## Installing the Power Adapter Clip

1. Remove the **Power Adapter** from the box.
2. Locate the **Power Clip** specific to your region (e.g. U.S.).
3. Align the **Tabs** on the **Power Clip** with the **Slots** on the **Power Adapter** so that the **Contact Prongs** on the **Power Adapter** are vertical (one above the other).
4. Rotate the **Power Clip** clockwise until you hear an audible click indicating that the **Power Clip** is properly attached to the **Power Adapter**.

**Note:** To remove the Power Adapter Clip, press the release button turn the Power Clip counter-clockwise until the Power Clip is released.

### Powering the Media Converter

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 the **Networking Equipment** back on that was turned off in **Step 1 of Connecting the Media Converter**.

**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 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) 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**.

## Distance Capabilities

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



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