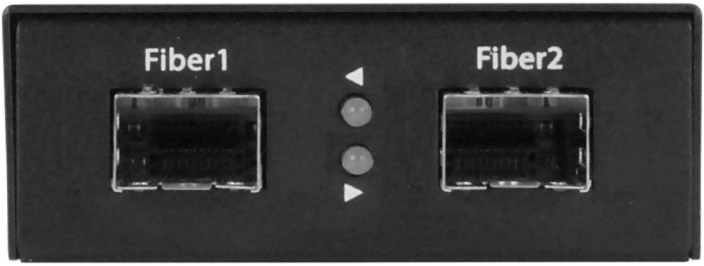
TL-MC-1S1S

1G Ethernet Media Converter with 2 SFP Slots

The TL-MC-1S1S features two SFP ports (SFP module sold separately), effectively adapting signals between different fiber types. In most applications, the TL-MC-1S1S adapts single mode fiber to multimode fiber and vice versa.

The TL-MC-1S1S supports multimode fiber when paired with a multimode SFP module and single mode fiber when paired with a single mode SFP module. The compact size of the TL-MC-1S1R allows it to be easily deployed in any narrow desktop location or to be used in a wall-mount installation. Several converters can be simultaneously installed into a 19" rack-mountable, 14-slot converter chassis (*TL-RKMC-14*).

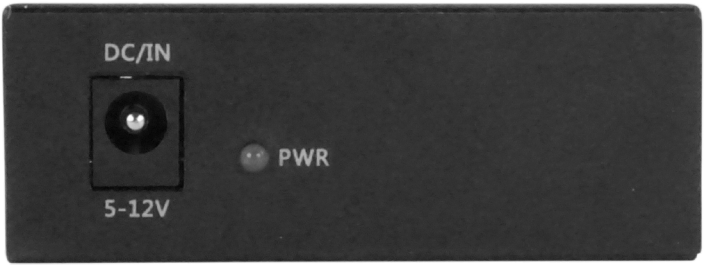
Connections



SFP Slot - Fiber Optic

This product requires an SFP transceiver module that provides fiber optic connections. Maximum length and fiber cable specification depend on the model of SFP transceiver.

1. Insert the transceiver into the media converter and route the fiber optic cable into the transceiver.
2. Route the other end of the fiber optic cable into a suitable port in your fiber optic network.



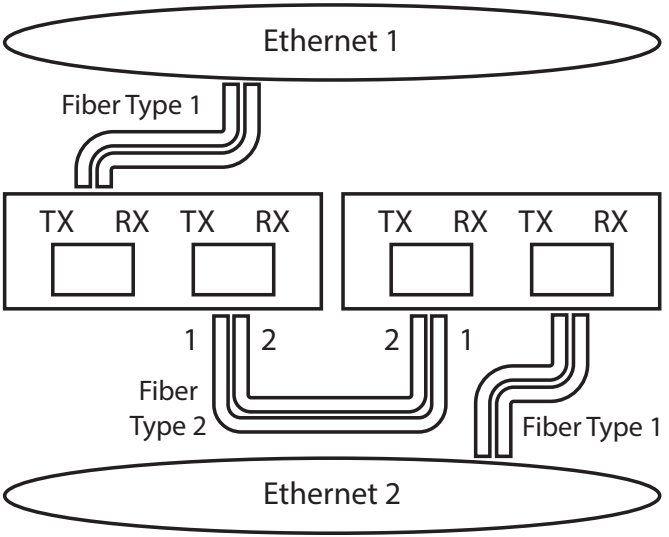
Power

Plug the power adapter into the 5 V DC input jack on the media converter, then connect it to a regular power outlet. Only use the included power adapter or one with matching specifications (output of 5 V DC, at least 1 A).

LEDs

Left Arrow – Fiber optic signal is detected when lit; no signal when unlit.
Right Arrow – Fiber optic signal is detected when lit; no signal when unlit.
PWR – The power adapter is connected when lit.

Fiber Optic Pairing



As shown above, two fiber optic cables need to be connected between two ideally identical media converters. Make a connection from Media Converter 1 TX to Media Converter 2 RX, and from Media Converter 1 RX to Media Converter 2 TX.