

## Advance 100/1000Mbps SFP to SFP Mode Converter

### Installation

The Advance mode converter is a plug-and-play device that requires no user configuration to enable operation.

To connect a device:

1. Plug in a suitable 100M/Gigabit SFP module into the **FX1** port.
2. Plug in a suitable 100M/Gigabit SFP module into the **FX2** port. This must be of the same speed as the module used in FX1 port.
3. Plug in a fibre optic network connection into the SFP in port **FX1**. Cable type and length are dependent on the module used.
4. Plug in a fibre optic network connection into the SFP in port **FX2**. Cable type and length are dependent on the module used.
5. Plug in the supplied mains power adaptor in the rear of the **DC** port and plug into a mains power supply.
6. The mode converter auto detects the two fibre interfaces and established a network connection.

### Troubleshooting

There is no power being delivered to the mode converter.

- > Ensure the converter is plugged into a suitable 240V mains supply.

There is no network connection.

- > Ensure the patch cables are inserted correctly into the SFPs in **FX1** and **FX2** ports and to the host device.
- > Ensure the SFP module is inserted correctly into the **FX1** and **FX2** ports.
- > Ensure the fibre cable used in each SFP module matches the module type, for example 9/125 OS1/OS2 fibre with a singlemode SFP, and OM1 or better fibre with a multimode SFP.

### Specifications

Input Voltage	110-265VAC	Optical	Dependent on SFP module used
Output Voltage	5VDC 1A	Operating Temp.	0°C - 50°C
Network Standards	IEEE 802.3u, 802.3z	Storage Temp.	-10°C - 70°C
Data Rate	10/100/1000Mbps	Operating Humidity	5-90%
LED Indicators	100/1000M, Link/Activity (FX and T), Full Duplex, Power	Regulations	CE/FCC/RoHS
		Warranty	2 Year Limited



**WARNING – NEVER LOOK DIRECTLY INTO AN ACTIVE FIBRE OPTIC PORT**

