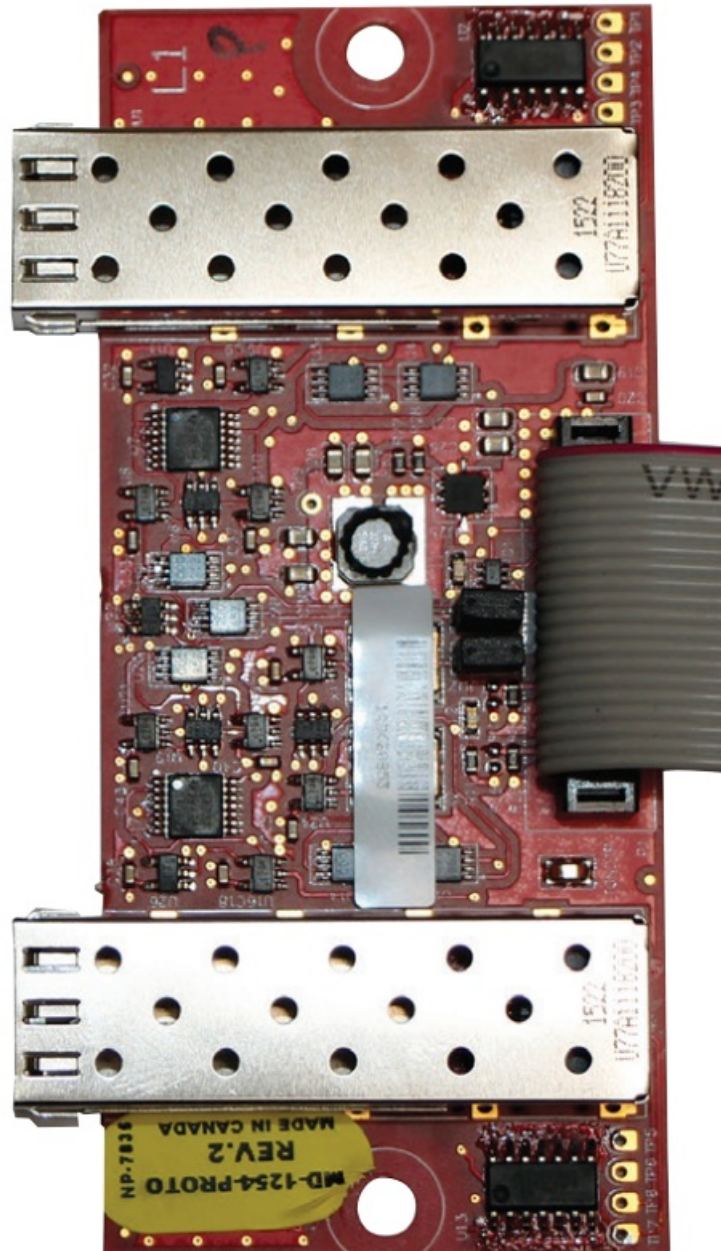


Mircom FOM-2000-UM Single-Mode or Multi-Mode Fiber Module Owner's Manual

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Mircom FOM-2000-UM Single-Mode or Multi-Mode Fiber Module



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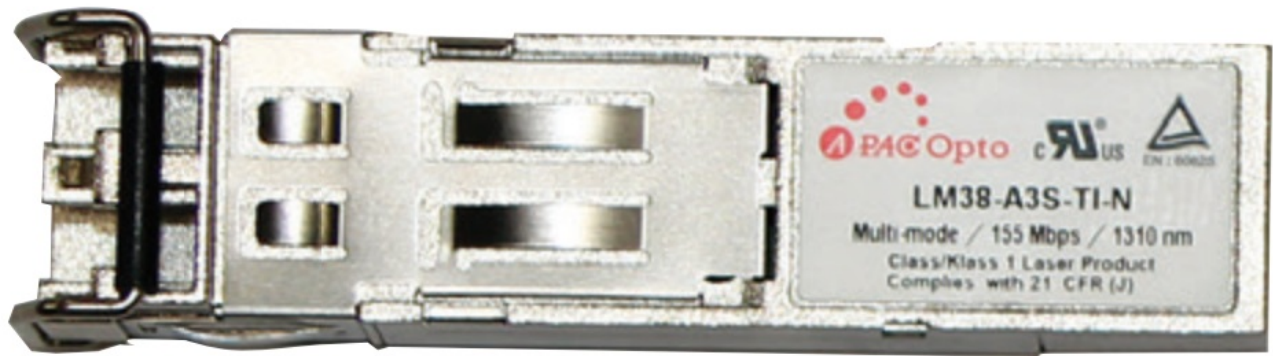
Description

The FOM-2000-UM allows for single-mode or multi-mode fiber optic communication on a FleX-Net™ network. Plug-in optical modules allow for cost-effective network configurations made of fiber only or a mix of wires, single-mode fibers and multi-mode fibers. Single mode fiber links can be up to 10 km in length and multi-mode links can be up to 1.5 km.

The FOM-2000-UM is compatible with LC Duplex terminated fiber pairs or patch cords.

Installation in a FleX-Net™ network requires FNC-2000 network interface controllers.

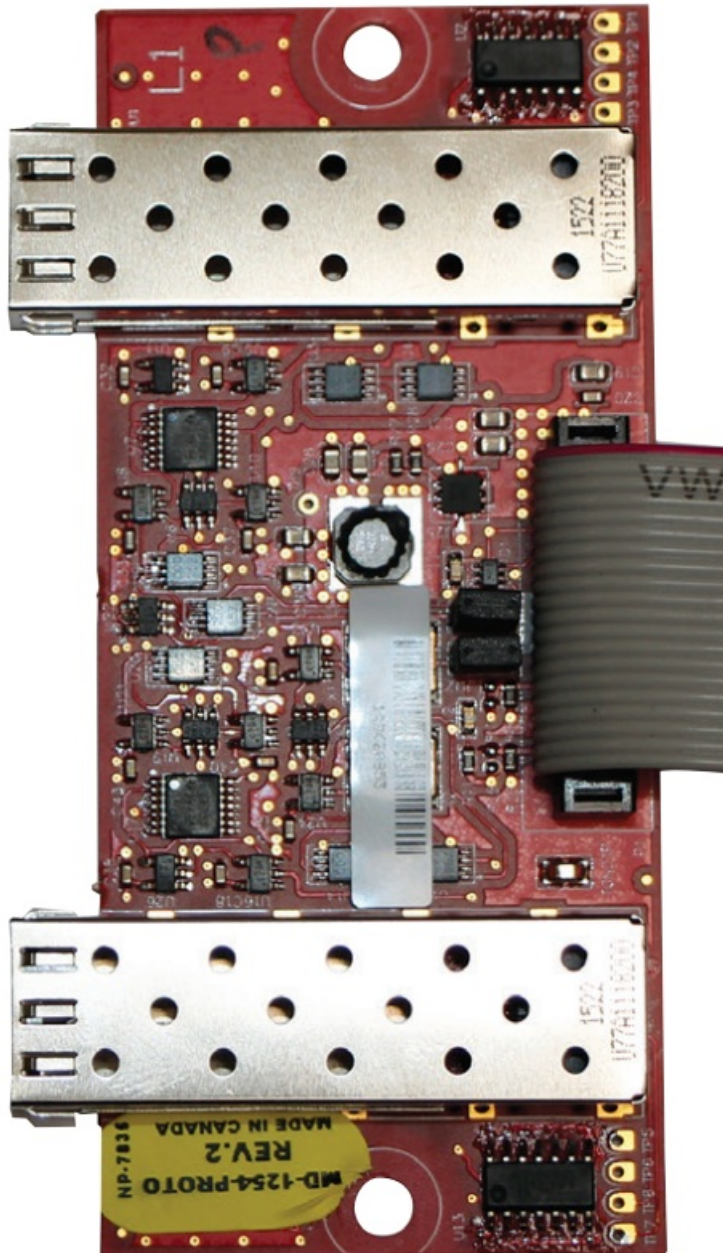
- FOM-CONN-MM



- FOM-CONN-SM



- FOM-2000-UM



Features

- Compatible with LC Duplex terminated fibre pairs or patch cords
- No system configuration changes or special firmware needed
- 2 bays for optical modules
- Optical isolation prevents ground loops
- For use with FleX-Net panels
- Multi-mode & single-mode can be used with fibre pairs that are the same type
- Max of 63 nodes can be connected

Specifications

Single-Mode

Fiber type		Single-mode 9/125 μm
Connection type		LC Duplex
Input rating		Alarm: 16 mA @ 24 VDC Standby: 16 mA @ 24 VDC
Optical link budget		9.8 dB
Wavelength		1310 nm
Temperature range		0°C to 49°C ambient, 93 % relative humidity (non-condensing)
Maximum length		10 km
Multi-Mode		
Fiber type	Multi-mode (50/125 μm or 62.5/125 μm)	
Connection type	LC Duplex	
Input rating	Alarm: 42 mA @ 24 VDC Standby: 42 mA @ 24 VDC	
Optical link budget	6.6 dB	
Wavelength	1310 nm	
Temperature range	0°C to 49°C ambient, 93% relative humidity (non-condensing)	

0	1.5 km
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Ordering Information

Model	Description
FOM-2000-UM	Allows for single-mode or multi-mode fibre optic communication on a Flex-Net network. Add FOM-CONN-SM and FOM-CONN-MM
FOM-CONN-SM	Fibre Optic Connector Single Mode (pack of 2). Must use a FOM-2000-UM
FOM-CONN-MM	Fibre Optic Module Connector Multi-mode (pack of 2). Must use a FOM-2000-UM
FNC-2000	Fibre Network Controller (Connects to the FOM-2000-UM)

THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

For complete and accurate technical information relating to performance, installation, testing and certification, refer to technical literature. This document contains intellectual property of Mircom. The information is subject to change by Mircom without notice. Mircom does not represent or warrant correctness or completeness.

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Documents / Resources

	Mircom FOM-2000-UM Single-Mode or Multi-Mode Fiber Module [pdf] Owner's Manual FOM-2000-UM, FOM-CONN-SM-MM, FNC-2000, FOM-2000-UM Single-Mode or Multi-Mode Fiber Module, FOM-2000-UM, Single-Mode or Multi-Mode Fiber Module, Multi-Mode Fiber Module, Fiber Module, Module
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
-  [Mircom - Smart Buildings. Smarter Solutions.](#)

