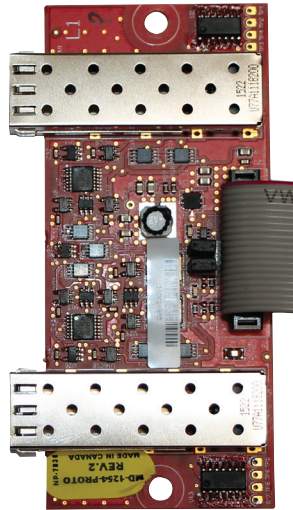


FOM-CONN-MM



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

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 but no system configuration change or special firmware.



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 |

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) |

NOT TO BE USED FOR INSTALLATION PURPOSES.



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