

OPT-1020 Series MM to SM Fiber Converter

100Base-Fx to 100Base-Fx

RoHS Compliant



>>Description

OPT-1020 series is used to convert Single-mode fiber signal to BIDI mode equivalent that extends the long span fiber connections easily and inexpensively. Fast Ethernet supports long wave 100Base-LX and WDM fiber network. This media converter can be installed as a standalone unit or as a slide-in module to the 19" converter rack (up to 14 units) for use at a central wiring closet.

>>Main Features

- Support 100Base-SX/LX multi-mode to single-mode conversion
- Good for application to extend the network distance
- Extends distances ranging from 2km (multi-mode fiber) to 120km (single mode fiber)
- Standalone or composite applications
- Status LED for easy monitoring of device status
- External power supply

>>Specifications

Interface

- 2 x Optical port (1x9) 100Base-Fx

Optical Port

- Available for 1310nm and 1550nm Single mode, and 1310nm Multi mode;
- Transfer Distance: up to 120km;
- Connectors: SC, ST, FC optional
- Fiber core: 9/125 μ m on single mode fiber, 50/125 μ m and 62.5/125 μ m on multi-mode fiber

LED Indicators

- Power Status, FX Link/Act

Power Requirement

- Input: 5V DC

Physical Characteristics

- Housing: Metal enclosure
- Dimensions: 94 x 70 x 26mm (Excluding the connector)
- Weight: 0.3kg

Environmental Limits

- Operating Temperature: 0 $^{\circ}$ C to 50 $^{\circ}$ C
- Storage Temperature: -20 $^{\circ}$ C to 70 $^{\circ}$ C
- Operating Humidity: 10% to 90% RH
- Storage Humidity: 5% to 90% RH

Agency Approvals

- FCC Part 15 of Class A & CE approved

Warranty

- 3 years



>>Ordering Information

OPT-1020MS	155M multi-mode to single-mode
OPT-1020SS	155M single-mode to single-mode
OPT-1020SA/B	155M single-mode to BIDI-mode

>>Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTONE before they become applicable to any particular order or contract. In accordance with the OPTONE policy of continuous improvement specifications may change without notice.

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