

ETS-1020

Media Converter

100Base-Fx to 100Base-Fx

RoHS Compliant



Description

ETS-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: 9/125μm on single mode fiber, 50/125μm and 62.5/125μm 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°C to 50°C
- Storage Temperature: -20°C to 70°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

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

Important Notice

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