

Managed Ethernet Fiber Switch ES-0104-M

**BIDI TX1310/RX1550
TX1550/RX1310**



ES-0104-M – 10/100Base – Managed FX Optical Switch complies with IEEE802.3 and IEEE 802.3u Standards. ES-0104-M enables network managers to connect 10 Mbps and 100 Mbps fiber optic cabling more cost-effectively than ever. WDM Technology – single fiber saves the installation cost of expensive fiber cable. ES-0104-M switches are ideal for any premises FTTx, WAN fiber networking applications.

1. KEY FEATURES

- Complies with IEEE802.3 and IEEE802.3u 100Base-FX
- MDI/MDI-X Auto Negotiation
- Max transmit packet(s): 1552 bytes
- WDM Technology – Saves the installation cost of expensive fiber cable
- Built in 4 x 100 base TX ports and 1 x 100 base SC ports
- Modified cut-through frame forwarding for low latency
- Pure converter mode data forwarding for extreme low latency
- Flow control for full and half duplex operation
- Led display for link/activity

2. TECHNICAL SPECIFICATION

Standard: 802.3 10B-T, 802.3u 100b-Tx&100b-Fx, 802.3x, 802.1.p

Wavelength: BIDI TX1310nm/RX1550nm; TX1550nm/RX1310nm

Fiber Ports Distance: 20km

Fiber Cable: 8.3/125, 8.7/125, 9/125 or 10/125single-mode

Connectors: 1 x SC connector, 4 x RJ45

Power Supply: 5VDC – 18VDC

Power Consumption: MAX 500mA@12V

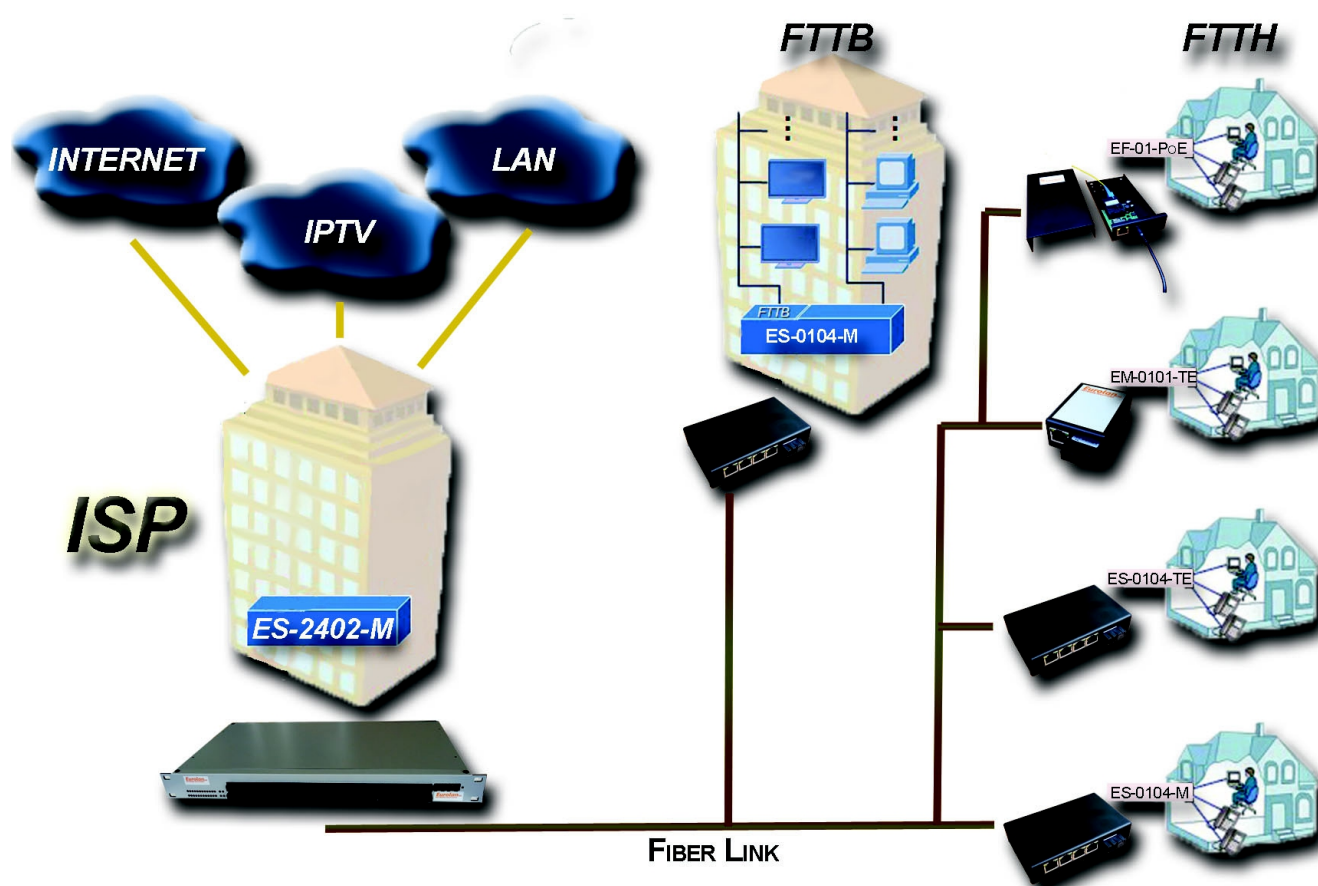
Operating temperature: 0 to 45C

Storage temperature : -20 to 70C

3. Web Management Features

- Support CoS
- Support PortBase VLAN
- Broadcast storm Protection
- Embedded HTTP web Management
- Port Status configure
- Port Base VLAN Setting
- Port Base DataRate Setting
- Port Locking
- QoS Setting
- Password security
- TFTP firmware upgradable
- Support 1 fiber port
- Auto MDI/MDIX option
- Filter/Forward special DA option
- Support Packet length 1552/1536

4. Application





5. WEB-Interface

5.1 Default Settings

IP address: 192.168.2.1/24

Username: admin

Password: system

6. ORDERING INFORMATION

There are available two options regarding the fiber ports wavelengths:

1. ES-0104-M TX1550nm/RX1310nm
2. ES-0104-M TX1310nm/RX1550nm

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