



5-Port Fast Ethernet Switch, 1 x SC Multi-Mode Fiber

FEU-0511 are 10/100Mbps adaptive fast Ethernet Optical Media Converter, with built-in 4 ports 10M/100Mbps self-adaptive switch, converting the 4 independent 10Base-T or 100Base-TX twisted pair electrical signal with 100Base-FX optical signal. It extends the network transmission range from 100m, the limit of copper line to 120Km (single mode full duplex). It supports two different types of network connection media, 10/100Base-TX and 100Base-FX. By switching technique and storage & forwarding technique, it realizes the data transmission between two network connection media. It supports optical transmission under dual-fiber multi-mode, dual-fiber single mode, and single fiber single mode.

Key Features

- Provides flexibility of 4 x 10/100BASE-TX ports
- 100Base-FX Multi-mode fiber for the link up to 2km
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting

Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
 IEEE 802.3u 100-BASE-TX, Fast Ethernet
 IEEE 802.3u 100-BASE-FX, Fast Ethernet
 IEEE 802.3x Full-duplex Flow Control
 IEEE 802.3af Power over Ethernet (PoE) (optional)
 IEEE 802.3at Power over Ethernet Plus (PoE+)(optional)

Buffer Memory:

384kbit

Port:

4 x 10/100Base-TX RJ-45
 1 x 100Base-FX SC/FC/ST connector

Button/Knob:

Power, Link/Act

Transmission Method:

Store-and-Forward

**Power Input:**

100-240V AC, 50-60 Hz, 5V@1A External Power Supply

Power Consumption:

< 3.5W

Backplane (Gbps):

1.0Gbps

MAC Address Table:

1K

Data Rate:

10/100Mbps

Performance

Packet Forwarding Rate:

100Mbps port - 148,800pps

10Mbps port - 14,880pps

Jumbo Frame (K):

1536 bytes

Environment

Operating Temperature (°C):

Operating: -10°C ~60°C

Storage: - 40°C ~ 85°C

Operating Humidity (Non-condensing):

Storage: 5% ~ 90% non-condensing

Operating: 5% ~ 90% non-condensing

Physical Specifications

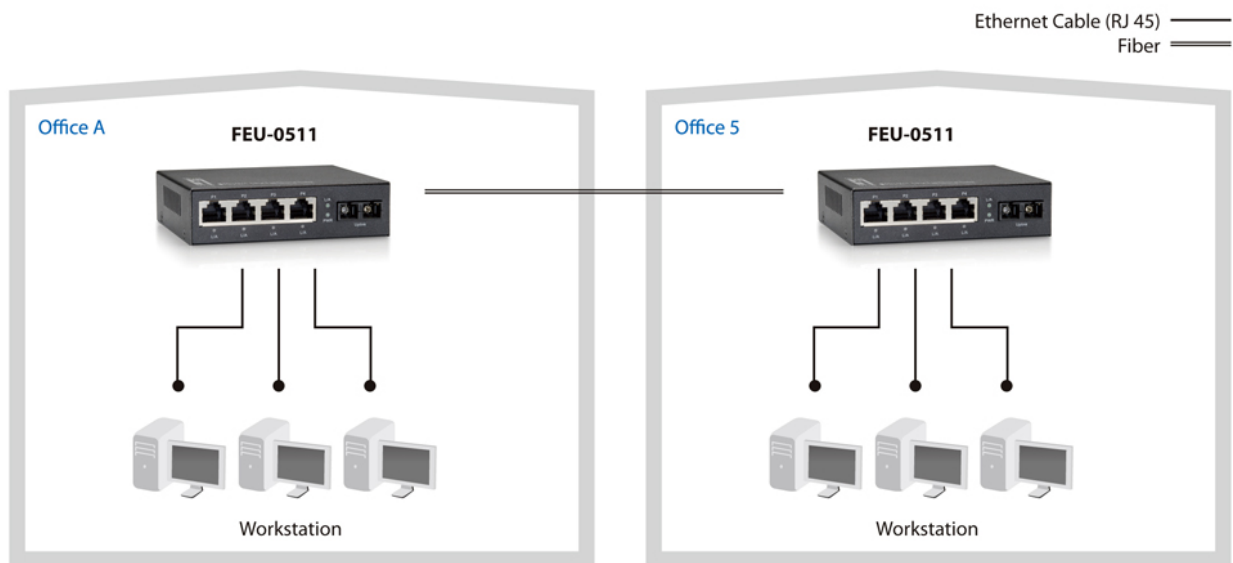
Dimensions (W x D x H mm):

112 x 96 x 30mm

Weight (g):

380g

Diagram



Order Information

FEU-0511

Package Contents

FEU-0511
Power Adapter
User Manual

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