

Gigabit Fiber Media Converter - 1000Base-SX, LC Multimode, 550m, 850nm, PoE

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Key Features

- 1000Base-T to 1000Base-SX fiber media conversion
- IEEE802.3af / IEEE802.3at PoE PSE compatible
- Built-in AC/DC power supply
- Supports LC connectors for multimode fiber (550m at 850nm)
- Over-current and short-circuit protection with auto recovery
- DIP switch for flexible configuration options
- Compact and durable design for reliable operation
- LFP (Link Fault Pass-through) support for improved troubleshooting

This Gigabit Fiber Media Converter provides seamless conversion between 1000Base-T copper and 1000Base-SX fiber, allowing for high-speed data transmission over multimode fiber up to 550 meters at 850nm. Fully compliant with IEEE802.3af and IEEE802.3at standards, this converter includes Power over Ethernet (PoE) functionality, delivering power and data to connected devices over a single Ethernet cable.



Technical Specifications

- Data Rates:
 - 1000Mbps (1000Base-T)
 - 1000Mbps (1000Base-SX)
- Input Power Requirements:
 - Input Voltage: 100 VAC to 240 VAC
 - Input Frequency: 47 Hz to 63 Hz
- Power over Ethernet Output:
 - IEEE802.3af standard: 15.4W max
 - IEEE802.3at standard: 25W max
 - Pin Assignment: 1/2 (V+), 3/6 (V-)
- Environmental Conditions:
 - Operating Temperature: 0°C to 50°C
 - Cooling: Free air convection
 - Storage Temperature: -20°C to +85°C
 - Operating Humidity: 90% max, non-condensing
- Mechanical Specifications:
 - Case Material: Iron
 - Case Color: Black
 - Dimensions: 70(W) x 26(H) x 94(L) mm
 - Net Weight: 560g approx.
- Connectors:
 - AC Inlet: IEC-J-4
 - LAN: Shielded RJ-45
 - Fiber: LC Connector, Multimode, 550m @ 850nm
- Applications:
 - Connecting PoE-enabled devices such as IP cameras, VoIP phones, and wireless access points.
 - Extending network connections over fiber in large offices, campuses, and industrial environments.
 - Bridging copper and fiber networks with high-speed Gigabit data transmission.
- Warranty:
 - 3-Year Hardware Warranty
- Product Benefits:
 - Provides cost-effective media conversion between copper and fiber networks.
 - Delivers power and data over a single Ethernet cable, simplifying installation.
 - Compact and durable for reliable operation in diverse environments.