

10GbE SFP+ Fiber Media Converter, 10 Gigabit Ethernet RJ-45 to 10GBASE-X SFP+, Single-Mode, Multi-Mode, 16K Jumbo Frames, TAA Compliant

Product ID: MCM10GSFP2



This compact 10G media converter enables seamless copper-to-fiber connectivity for high-speed network upgrades and extended reach. Featuring an open SFP+ slot, it converts 10GBASE-T (RJ-45) to 10G fiber and supports multi-mode or single-mode transceivers (e.g., 10GBASE-SR/LR) for flexible deployment across enterprise and telecom environments.

Ideal for structured wiring closets, server rooms, or remote network upgrades, the converter supports wall-mount, DIN rail, and chassis installations. It can operate as a standalone device or integrate into a media converter chassis system.

Built for maximum compatibility, the converter supports IEEE 802.3 standards, 16K Jumbo Frames, auto MDI/MDI-X, and full-duplex flow control. With plug-and-play setup and reliable diagnostics, it ensures consistent performance across legacy and high-speed links.

With low 5.3W (typical) power consumption via 5V DC input, this power-efficient converter operates in environments ranging from 0C to 50C. It avoids PoE-related conflicts and is ideal for compact, power-sensitive deployments.

Certifications, Reports and Compatibility



Applications

Features

- **Upgrade Networks with Copper-to-Fiber Conversion**: Convert 10GBASE-T copper (RJ-45) to 10G fiber through an open SFP+ slot; Supports multi-mode or single-mode transceivers, for flexible deployment and extended reach
- **Install Anywhere with Flexible Mounting**: Use as a compact standalone unit or mount to a wall, rack, DIN rail (use ADJDINKIT) or chassis (use MCM-CHASSIS-PSU) for clean, professional integration into structured wiring closets, data centers, or server rooms
- **Reliable Performance Across Mixed Speeds**: IEEE 802.3 compliant, supporting 10GBASE-T, 10GBASE-X, Jumbo Frames (up to 16K), full-duplex flow control, auto-negotiation, and auto MDI/MDI-X; Plug-and-play operation across legacy and high-speed links
- **Deploy Efficiently in Compact, Power-Sensitive Spaces**: Consumes only 5.3W (typical) via 5V DC input from included power adapter or chassis power supply and rated for 0C to 50C operating environments; Does not support PoE
- **The IT Pro's Choice**: Designed for reliability in edge and on-prem deployments, our media converters are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	2 Years
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PoE	No
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Performance

Remote Management Ability	No
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MTBF	50,000 Hours
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Indicators

LED Indicators	1 - Power
	1 - Fiber LNK/ACT
	1 - TP LNK / ACT

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.4
Output Voltage	5 DC
Output Current	2A

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	5~95% RH (non-condensing)

Physical Characteristics

Product Length	2.8 in [70 mm]
Product Width	3.7 in [93.5 mm]
Product Height	1.0 in [26 mm]
Weight of Product	7.6 oz [216 g]

Packaging Information

Package Length	5.9 in [14.9 cm]
Package Width	3.7 in [9.5 cm]
Package Height	3.6 in [9.2 cm]
Shipping (Package) Weight	14.0 oz [398.0 g]

What's in the Box

Included in Package	1 - Media Converter
	1 - Universal Power Supply
	1 - Product Documentation

Warranty Information

Warranty	2 Years
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**Product appearance and specifications are subject to change without notice.*