



Networking > Media Converters

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Micro Mini Media Converter, 10-/100-/1000-Mbps Copper to 1000-Mbps Duplex Fiber, Single-mode, 1310-nm, 12 km, ST



Bring Gigabit fiber to the desktop and other tight spaces.

LMC4003A

Other views



Extended Double Diamond™ Warranty Available
(Three years for two)

Product Highlights

- Bring Gigabit fiber to the desktop conveniently and cost-effectively.
- Ultra compact, weighing only 2.5 ounces.
- Tucks unobtrusively behind a PC.
- USB-powered for portability, or use it with the included power adapter.
- Plug-and-play capability with autonegotiation.
- Supports distances of up to 12 kilometers (7.5 mi.) over single-mode fiber.
- UTP port supports 10/100/1000BASE-T.
- Supports Jumbo Ethernet frames up to 10,240 bytes.
- LED indicators for power, UTP, and fiber status.

Click the tabs below for more information on this product.

[Details](#) [Tech Specs](#) [Accessories](#) [Warranty](#) [Similar Products](#)

Description

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Quick Facts

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Further Details

The Micro Mini Media Converter is ideal for bringing fiber to the desktop and for mobile applications where light weight, compact size, and low power requirements are critical.

Weighing only 2.5 ounces and about the length of a house key, this ultra-compact media converter is portable yet powerful. For extra versatility, it can be USB-powered, making it easy to provide fiber connectivity to locations where AC or DC power is unavailable, for instance, field-deployed fiber-to-the-laptop. For easy portability, this tiny converter conveniently slips into a pocket or laptop carrying case.

The converter is plug-and-play with an RJ-45 port that autonegotiates for speed, duplex mode, and crossover functions for PCs with 10BASE-T, 100BASE-TX, and 1000BASE-T Ethernet. On the fiber side, the converter has an ST connector for connection to single-mode fiber.

Because it can be powered through a computer's USB 1.0 or 2.0 port, the Micro Mini Media Converter is ideal for connections to fiber in areas where a spare power outlet may not be available. When plugged into a computer's USB port, the media converter shuts down automatically when you turn off the computer, which saves energy.

Technical Specifications for Micro Mini Media Converter, 10-/100-/1000-Mbps Copper to 1000-Mbps Duplex Fiber, Single-mode, 1310-nm, 12 km, ST:

Environmental —

Operating temperature: +32 to +122° F (0 to +50° C);
Storage temperature: -40 to +176° F (-40 to +80° C);
Humidity: 5 to 95%, noncondensing

CE Approval — Yes

Connectors — (1) RJ-45 10/100/1000-Mbps Ethernet;
(1) USB Type B;
(1) pair of ST

Power — 100–120 VAC, 50–60 Hz, 0.02A @ 120 V external power supply or from a PC's USB port,
0.5 A @ 5 VDC

Size — 0.84" H x 1.75" W x 2.25" D (2.1 x 4.4 x 5.7 cm)

Weight — Without power adapter: 2.5 oz. (70.8 g);

With USB cable: 3.8 oz. (107.7 g);

With AC power adapter (U.S.) and USB: 5.5 oz (155.9 g)

This product works with:

- Micro Mini Media Converter Wallmount Bracket (LMC400-WALL)

Questions? Contact our FREE Tech Support.

Connect your Micro Mini Media Converter, 10-/100-/1000-Mbps Copper to 1000-Mbps Duplex Fiber, Single-mode, 1310-nm, 12 km, ST with:

