

**TRIPP-LITE**  
by **EATON**

**Date** January 13, 2022  
**For Release** Immediately  
**Contact** Russell Jameson, Marketing Campaign Manager  
773.869.1248 • russell\_jameson@tripplite.com

## **New Fiber Optic Media Converters Send Signals Across the Factory Floor Without Interference**

- **New copper to fiber media converters are designed for industrial environments**
- **Fiber optic signals travel long distances without interference**
- **Wide operating temperature range allows use in hot or cold areas**

**CHICAGO** ... Power management company Eaton announced today its Tripp Lite by Eaton business now offers a practical solution for transmitting Ethernet signals in industrial environments without interference from electrostatic discharge (ESD) and radio frequency interference (RFI).

Machinery in warehouses, factories and other industrial environments can create ESD and RFI that can adversely affect signals traveling over copper cable. The new media converters transform Cat5/6 UTP Ethernet signals into fiber signals that travel over fiber optic cable, which is much less vulnerable to interference. The fiber optic signals can travel up to 30 kilometers (18.6 miles).

Available with a hardened housing or an IP30 industrial housing, the fiber optic media converters have a wide operating temperature range to accommodate the hot and cold extremes of industrial spaces. Media converters with hardened housing have an operating temperature range of 14° to 140° F (-10° to 60° C). Media converters with industrial housing have an operating temperature range of -40° to 167° F (-40° to 75° C).

Options include Fast Ethernet (10/100) and Gigabit Ethernet (10/100/1000) speeds with conversion to singlemode or multimode fiber. Select models have an open SFP port, allowing users to install their own SFP transceiver. All of the converters can be mounted on a DIN rail.

“Industrial environments present challenges for extending Ethernet signals,” said David Posner, Vice President, Connectivity and Peripherals. “The fiber optic media converters are an easy way to enjoy the advantages of fiber without replacing infrastructure. Fiber offers reduced susceptibility to interference, longer transmission distance and better functionality in industrial settings.”

### Key Features of Tripp Lite Hardened and Industrial Fiber Optic Media Converters



Model: N785-H01-SCMM

- Signal transmission up to 30 kilometers (18.6 miles) without ESD and RFI interference (maximum distance varies by model)
- Rugged hardened or IP30 industrial housing
- Wider operating temperature ranges than standard media converters
- Support for DIN rail mounting
- Select models have an open SFP port to allow customization

Learn more about the Tripp Lite [Hardened Copper to Fiber Media Converters](#).

Learn more about the Tripp Lite [Industrial Copper to Fiber Media Converters](#).

See the full line of Tripp Lite industrial solutions at [tripplite.com](http://tripplite.com).

Eaton’s Tripp Lite business provides industry-leading digital infrastructure solutions for consumers and IT customers worldwide, including cables and connectivity, charging solutions, mounts, carts, server racks, cooling, KVMs, UPS systems, PDUs and surge protectors. Learn more at [tripplite.com](http://tripplite.com).

Eaton’s electrical business is a global leader with deep regional application expertise in power distribution and circuit protection; power quality, backup power and energy storage;

control and automation; life safety and security; structural solutions; and harsh and hazardous environment solutions. Through end-to-end services, channel and an integrated digital platform and insights, Eaton is powering what matters across industries and around the world, helping customers solve their most critical electrical power management challenges.

Eaton's mission is to improve the quality of life and the environment through the use of power management technologies and services. Eaton provides sustainable solutions that help its customers effectively manage electrical and mechanical power – more safely, more efficiently, and more reliably. Eaton's 2020 revenues were \$17.9 billion, and the company sells products to customers in more than 175 countries. Eaton has approximately 85,000 employees.

###