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trans data elektronik GmbH

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ISO 9001
TL 9000
ISO 14001

USB 2.0 to Ethernet 100Base-FX multimode SC 2km Link Budget: 11.0dB

Use the Scorpion-USB™ Fast Ethernet Fiber Adapter to create an EMI-secure data connection between a USB port on a PC, laptop or tablet and a 100Mbps Ethernet fiber port on a switch. This unique USB to fiber adapter is ideal for use in applications where wireless transmission is not the preferred technology due to security concerns or where copper lacks the bandwidth, distance or security for sharing data-intensive files. The Scorpion-USB Fast Ethernet Fiber Adapter allows a computing device which does not have a fiber port to connect to a fiber-based Ethernet network through a USB 2.0 interface.

Designed specifically for laptop, notebook, and tablet PCs running today's most popular operating systems and deployed in fiber-rich networking environments, the Scorpion-USB Fast Ethernet Fiber Adapter allows a secure connection to a fiber-based Ethernet network through a USB 2.0 port. Just plug the adapter into the USB port, install the driver, and the connection is ready.

Features

- Fast Ethernet fiber connection through a USB interface is more secure than copper or wireless transmission
- Bus powered device, no external power supply needed
- Advanced power saving mode to preserve PC battery life
- Multimode SC, LC, or industry standard SFP fiber port (SFP sold separately)

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- LEDs to indicate USB Speed / Activity and fiber Link / Activity
- Plastic ABS enclosure with a 6" pigtail to USB type-A connector
- WHQL-certified drivers for Windows 7, 8, and 8.1, and 10, as well as numerous other operating systems

Technische Daten

Standards

- IEEE 802.3-2008
- USB 2.0

Data Rate

- USB 2.0 (type-A connector): 480 MBps (3840Mbps)
- Fiber: 12.5 MBps (100 mbps)

Ports

- 100Base-FX SC, LC, or SFP

Max Frame Size

- 1518 bytes (untagged)

Status LEDs

- USB: Speed / Activity Yellow: ON = high speed, OFF = low speed, FLASHING = activity
- Fiber: Link / Activity Green: ON = link, FLASHING = activity

Software Support

- Windows 7, 8, 8.1, and 10 and many others

Dimensions

- SC & LC Versions

  Width: 2.2" [56 mm]

Depth: 9.2" [233 mm]

Height: 0.8" [20 mm]

- SFP Versions

  Width: 1.2" [30 mm]

  Depth: 10" [254 mm]

  Height: 1.0" [25 mm]

Power Consumption

- SC: Typical 1.12 Watts
- LC: Typical 0.9 Watts

Power Source

- USB Bus

Environment

- Operating: 0°C to 50°C
- Storage: -20°C to +80°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft. (with derating)

Weight

- 1 lb. [0.45 kg]

MTBF

- Greater than 200,000 MIL-HDBK-217F Hours

Certifications

- EN55022 Class B, EN55024, FCC Class B, CE Mark

Warranty

- Lifetime

Artikelvarianten & Zubehör

Art.-Nr.	Beschreibung
TN-USB-FX-01(SC)	USB 2.0 to Ethernet 100Base-FX multimode SC 2km Link Budget: 11.0dB