100Base-FX 1300nm multimode (ST) [2 km/1.2 mi.] Link Budget: 12.0 dB

\*\*Lantronix / Transition Networks

\*\*Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

• 10G, 25G, 40G & 100G product solutions
• Seamless interoperability with network equipment
• Multi-code options enabling different OEM vendors at each end of the cable
• 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
• Fast Delivery, Custom solutions
• Compatible with Over 90 Systems
• Savings of up to 70%

\*\*NICs

N-FXE-xx-02 Series is a Fiber Fast Ethernet to PCI-Express (PCIe) bus adapter that fully complies with all IEEE 802.3u and 100Base-FX standards. It provides up to 200Mbps full-duplex bandwidth capacity to support high-end systems. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides added performance, flexible configuration and secure networking to users in a standards-based environment.

The PCI-Express (PCIe) design gives you the maximum possible bandwidth and bus efficiency, along with low power consumption.

For users equipped with PCI-Express systems, N-FXE-xx-02 Series provides the ability to easily build or connect to Fast Ethernet fiber networks.

\*\*\*Features

• PCI-Express x1 Interface
• IEEE 802.3x Full-Duplex Flow Control
• Supports Multicast Frame Filtering
• Supports Asymmetric/Symmetric Flow control
• Supports IEEE 802.1Q VLAN tagging
• IPv6 capable
• Wake-on-LAN (WoL) power management
• Microsoft certified drivers
• PXE remote boot support
• UEFI (PC platform BIOS must support)
• Message Signaled Interrupts (MSI)
• Extended Message Signaled Interrupts (MSI-X)
• TCP Segmentation Offload (large send v1 and large send v2 support)
• RoHS Compliance
• Available with SC, LC and MT-RJ multimode fiber connectors
• Standard bracket attached, low-profile bracket included
• Compliant with PCIe Rev 1.1 interface
• Supports Jumbo Frame
• Supports ASF 2.0
• ACPI Supported

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\*\*TECHNISCHE\_DATEN

\*\*\*Standards

• IEEE 802.3u
• IEEE 802.3x
• IEEE 802.1Q

\*\*\*Slots

• PCIe 1.1

\*\*\*Status LEDs

• LINK/ACT (Link/Activity): ON = communication link; FLASHING = activity on link
• FDX (Full-duplex): ON = Full-duplex link

\*\*\*Software Support

• Windows 2003, 10, NT 4.0, Windows 2008 Server, Vista, Novell NetWare 5.x, 6.x, Linux

\*\*\*Boot Server Support

• PXE Boot ROM

\*\*\*Dimensions

• Depth: 4.25” [108 mm]
• Height: 2.70” [68.5 mm]

\*\*\*Power Consumption

• 1.2 Watts (max), +3.3 VDC @ 0.7A

\*\*\*Environment

• Operating: 0°C to 50°C
• Storage: -15°C to 65°C
• Humidity: 5% to 95% (non-condensing)
• Altitude: 0 – 10,000 ft.

\*\*\*Weight

• 1 lb. [0.45 kg]

\*\*\*Certifications

• EMI Standard, FCC Class B, CE Mark

\*\*\*Warranty

• Lifetime