

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



## 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%



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

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

### Technical Data

#### Standards

- IEEE 802.3u
- IEEE 802.3x

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- 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

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- EMI Standard, FCC Class B, CE Mark

## Warranty

- Lifetime

## Product variants & accessories

Art.-No.	Description
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