

100Base-FX 1300nm multimode (LC) [2 km/1.2 mi.] Link Budget: 13.0 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

Vers. 10.03.2017

- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



tde® trans data elektronik GmbH

Headquarter address:

Lingener Str. 2 D-49626 Bippen/Ohrte

Tel.: +49 5435 9511 0 Fax.: +49 5435 9511 32

Sales office address:

Prinz-Friedrich-Karl-Str. 46 D-44135 Dortmund

Tel.: +49 231 8805 61 13 Fax.: +49 231 8805 61 15

info@tde.de | www.tde.de





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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

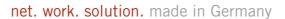
- PCI-Express x1 Interface
- IEEE 802.3x Full-Duplex Flow Control
- Supports Multicast Frame Filtering
- Supports Asymmetric/Symmetric Flow control
- Supports IEEE 802.1Q VLAN tagging
- IPv6 capable
- Wake-on-LAN (WoL) power management
- Microsoft certified drivers
- PXE remote boot support
- UEFI (PC 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







net. work. solution. made in Germany

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• EMI Standard, FCC Class B, CE Mark

Warranty

• Lifetime

Product variants & accessories

ArtNo.	Description
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