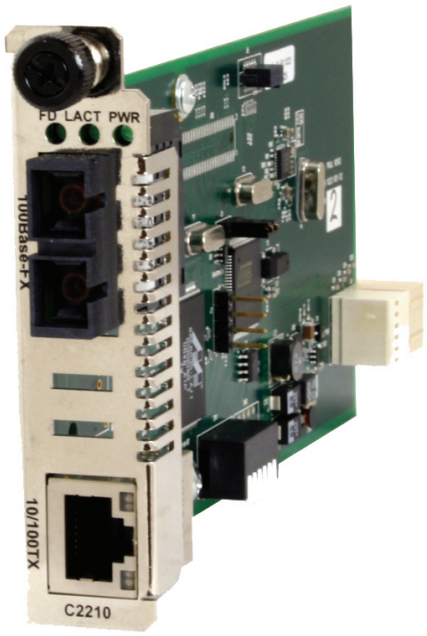
ION Fast Ethernet Media and Rate Converter Module, Fast Ethernet 10/100Base-TX to 100Base-FX



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%

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

 © tde GmbH, all rights reserved, errors excepted.

ION Fast Ethernet Media and Rate Converter Module, Fast Ethernet 10/100Base-TX to 100Base-FX

10/100Base-TX (RJ-45) [100 m/328 ft.]

to 100Base-FX 1550nm TX/1310nm RX single

fiber single mode (SC) [20 km/12.4 mi.]

Link Budget: 19.0 dB

Description

The ION C2210 is a media converter module that provides an interface between 10/100Base-TX ports and 100Base-FX ports, allowing users to integrated fiber optic cabling into 10/100 copper environments. Operating at Layer 2, the data link layer, this converter not only converts copper to fiber, it also provides rate conversion allowing legacy 10Base-T copper devices to connect to 100Base-FX fiber. The ION C2210 is a manageable device when installed in a managed ION chassis.

Features

- Auto-Negotiation of speed and duplex on TP port
- Auto-MDI/MDIX on TP port
- Link Pass Through
- Far-End-Fault (FEF) detection
- Pause (Software Controlled)
- Automatic Link Restoration
- Field Upgradeable Firmware
- Can be used in any ION Platform Chassis
- Standards based, will link with any Standard 10/100Base-TX and any Standard 100Base-FX ports

Manageable Features

- Report converter status to chassis management software:

- TP and Fiber Link Status
- Hardware switch settings
- Copper Port Speed
- TP and Fiber Port Duplex
- Fault condition

- Write operation includes:

 © tde GmbH, all rights reserved, errors excepted.

- Power on/off device
- Auto-Negotiation enable/disable
- Force 10 Mbps or 100 Mbps
- Force half or full-duplex
- Select advertising modes when
- Auto-Negotiation is enabled
- LPT enable/disable
- FEF enable/disable
- Pause enable/disable
- Auto-MDI/MDIX enable/disable

Note: Manageable Features are available when used in an ION Platform chassis along with an ION Management Module.

Show product on manufacturers website: https://www.lantronix.com/products/

Technical Data

Specifications

Product variants & accessories

Art.-No.	Description
C2210-1029-A2	ION Fast Ethernet Media and Rate Converter Module, Fast Ethernet 10/100Base-TX to 100Base-FX

 © tde GmbH, all rights reserved, errors excepted.