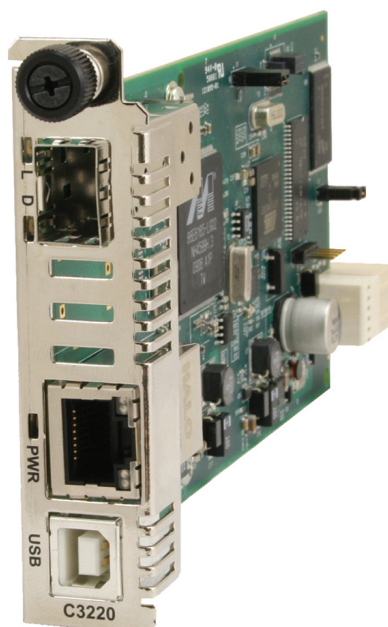


## MEDIA CONVERTER- 10/100/1000BASE-T TO 1000BASE-SX, MM SC, 2KM, 3.3V



## 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<sup>®</sup>** 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

## MEDIA CONVERTER- 10/100/1000BASE-T TO 1000BASE-SX, MM SC, 2KM, 3.3V

10/100/1000Base-T (RJ-45) [100 m]

to 1000Base-SX 850nm multimode (SC)

[62.5/125 µm fiber: 220 m/722 ft.] [50/125 µm

fiber: 550 m/1804 ft.] Link Budget: 8.5 dB

### Description

The ION C3220 is a managed Network Interface Device (NID) module that provides an interface between 10/100/1000Base-T ports and 1000Base-SX/LX ports, allowing users to manage their links while integrating fiber optic cabling into 10/100/1000 copper environments. As a remotely managed device, the C3220 can be managed individually via an IP address or it can be managed by the ION Management Module when installed in a managed ION chassis. With advanced features like IEEE 802.3ah Link OAM, VLAN, QoS, SSH/SSL, jumbo frame support, and bandwidth allocation, the C3220 providing various methods for secure delivery of Ethernet services in business and mobile backhaul applications.

**LATEST CASE STUDY:** Learn more about the ION Media Conversion Platform and how its flexibility, high performance, and secure management helped TELUS standardize their networks.

### Features

- MEF 9, 14 and 21 certified
- 802.3ah Link OAM
- 10K Jumbo Frame Support
- Two selectable Remote Management modes:
  - IP-Based Remote Management
  - In-Band (remote device managed by local peer)
- Auto-MDI/MDIX
- Auto-Negotiation
- Pause
- Transparent Link Pass Through
- Far-End-Fault (FEF)
- Remote Loopback
- Field Upgradeable Firmware
- IEEE 802.1p QoS packet classification
- IPv4 IP TOS, DiffServ and IPv6 traffic class QoS classification
- IEEE 802.1q VLAN and double VLAN tagging with 4096 VIDs

## MEDIA CONVERTER- 10/100/1000BASE-T TO 1000BASE-SX, MM SC, 2KM, 3.3V

- DHCP client
- SNMP
- TFTP
- RADIUS client
- RMON counters for each port
- Bandwidth profiling
- DMI Optical Management
- Cable diagnostic function for copper ports
- SSH
- Telnet
- Command Line Interface (CLI)
- Web management
- Focal Point Management
- SNMP v1, v2c, and v3
- USB port for basic setup
- Management VLAN

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

## Technical Data

## Specifications

## Product variants & accessories

Art.-No.	Description
C3220-1013	MEDIA CONVERTER- 10/100/1000BASE-T TO 1000BASE-SX, MM SC, 2KM, 3.3V