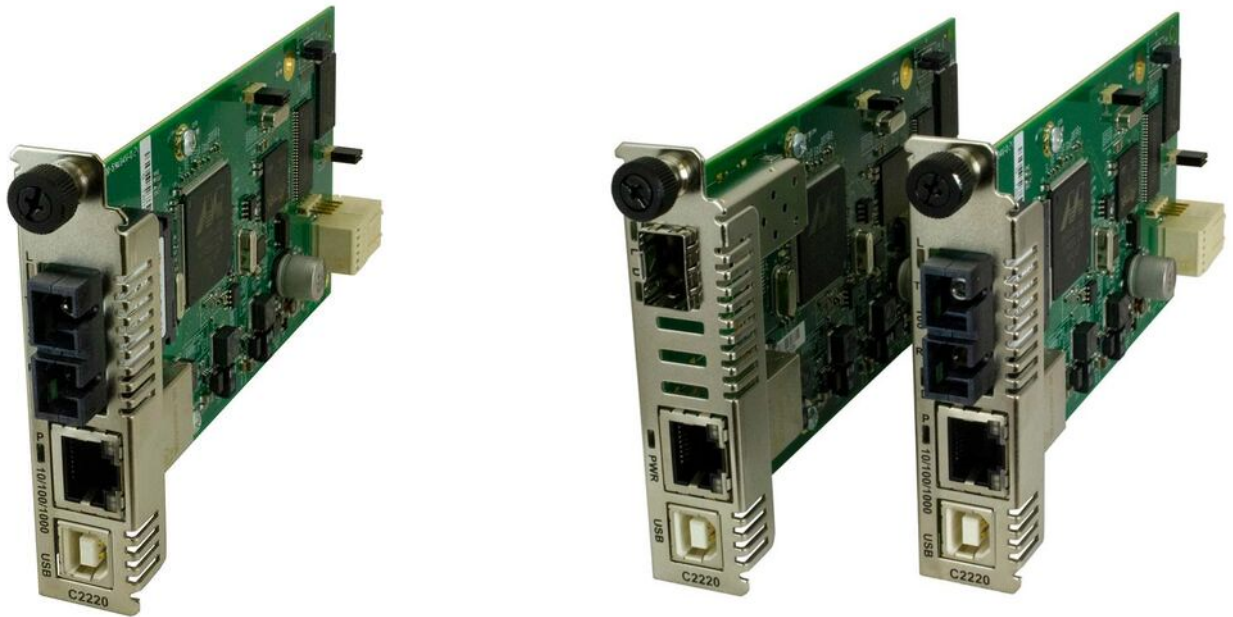


10/100/1000Base-T (RJ-45) [100 m] to 100Base-FX 1310nm single mode (SC) [20 km/12.4 mi.] Link  
Budget: 16.0 dB



The ION C2220 is a managed Network Interface Device (NID) module that provides an interface between 10/100/1000Base-T ports and 100Base-FX ports, allowing users to manage their links while integrating fiber optic cabling into 10/100/1000 copper environments. As a remotely managed device, the C2220 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 C2220 provides various methods for secure delivery of Ethernet services in business and mobile backhaul applications.

## Features

- MEF 9, 14 + 21 certified
- IEEE 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)



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- Auto-MDI/MDIX
- Auto-Negotiation
- Pause
- Link Pass Through
- Far-End-Fault (FEF)
- Remote Loopback
- Field Upgradeable Firmware
- IEEE 802.1p QoS Packet Classification
- IEEE 802.1q VLAN and double VLAN tagging with 4096 VIDs
- DHCP client
- SNTP
- 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

## Technische Daten

### Standards

- IEEE 802.3
- IEEE 802.3ah
- IEEE 802.1p
- IEEE 802.1Q

### Data Rate

- Copper: 10/100/1000 Mbps
- Fiber: 100 Mbps

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## Filtering Addresses

- 8K MAC Addresses

## Max Frame Size

- 10,240 bytes

## Dimensions

- Width: 0.86" [22 mm]
- Depth: 6.5" [165 mm]
- Height: 3.4" [86 mm]

## Power Consumption

- 4.5 Watts

## Environment

- Environment specs are dependent on the chassis chosen
- Operating: 0°C to 50°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

## Weight

- 1 lb. [0.45 kg]

## Certifications

- EN55022 Class A, EN55024, CE Mark

## Warranty

- Lifetime

10/100/1000Base-T (RJ-45) [100 m] to 100Base-FX 1310nm single mode (SC) [20 km/12.4 mi.] Link

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## Artikelvarianten & Zubehör

Art.-Nr.	Beschreibung
C2220-1014	10/100/1000Base-T (RJ-45) [100 m] to 100Base-FX 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB