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

\*\*Lantronix / Transition Networks

\*\*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%

\*\*Converters and Device Servers

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)

• 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

\*\*\*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