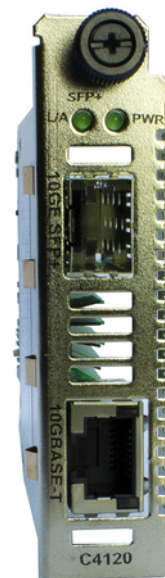


10GBase-T RJ-45 100m to 10GBase-X SFP+ Slot (Empty)



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%



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10GBase-T RJ-45 100m to 10GBase-X SFP+ Slot (Empty)

The C4120 is a media converter module that provides an interface between 10GBase-T ports and 10GBase-X ports via an open SFP+ port, allowing users to convert their 10Gig Ethernet ports to the preferred type of cabling used in their networks. The open SFP+ port supports a wide variety of Lantronix 10GE SFP+ fiber modules. Operating at Layer 1, the physical layer, data is passed through the converter at line speed, making the C4120 ideal for applications where low latency is essential. The ION C4120 is a manageable device when installed in a managed ION chassis.

Features

- Transparent Link Pass Through
- Auto-Negotiation
- Auto-MDI/MDIX
- Automatic Link Restoration
- Loopback on Fiber and Copper
- DMI
- For use in the ION 19-Slot or 6-Slot Chassis only
- Manageable when installed in a managed ION Chassis
- Remote Firmware Upgrade
- Fiber Port supported standards
 - 10GBase-SR
 - 10GBase-LRM
 - 10GBase-LR
 - 10GBase-ER
 - 10GBase-ZR
- The open SFP+ port also supports:
 - Direct attached 10G copper cable assemblies
 - Both Class-I and Class-II fiber
 - SFP+ modules
 - SFP modules supporting WDM technology
- Support 100m on Cat6a or higher UTP
- Per Energy Efficient Ethernet standards, IEEE 802.3az, UTP cable length is detected and power is adjusted according, to reduce power consumption on shorter UTP cable installs

Technical Data

Standards

10GBase-T RJ-45 100m to 10GBase-X SFP+ Slot (Empty)

- IEEE 802.3
- IEEE 802.3an
- IEEE 802.3ae
- IEEE 802.3az

Data Rate

- 10 Gbps

Dip Switch

- SW1: Copper Loopback
- SW2: Fiber Loopback
- SW3: not used
- SW4: Transparent Link Pass Through

Status LEDs

- PWR (Power): On = power is on
- L/A SFP+ (Fiber port link and activity statue): On = Link OK
- Flashing = Link and Activity OK
- Copper Link (Copper Link Status): On = Link OK
- Copper Act (Copper Link Activity): On = Activity OK

Dimensions

- Width: 0.86" [21.85 mm]
- Depth: 6.5" [165 mm]
- Height: 3.4" [86.36 mm]

Power Consumption

- 10.5 Watts (See product manual for chassis power guidelines)

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.

10GBase-T RJ-45 100m to 10GBase-X SFP+ Slot (Empty)

Weight

- 1 lb. [0.45 kg]

MTBF

- Greater than 250,000 hours (MIL-HDBK-217F)
- Greater than 687,000 hours (Bellcore)

Certifications

- FCC Class A, EN55022 Class A, EN55024, CE Mark

Warranty

- Lifetime

Product variants & accessories

Art.-No.	Description
C4120-1048	10GBase-T RJ-45 100m to 10GBase-X SFP+ Slot (Empty)