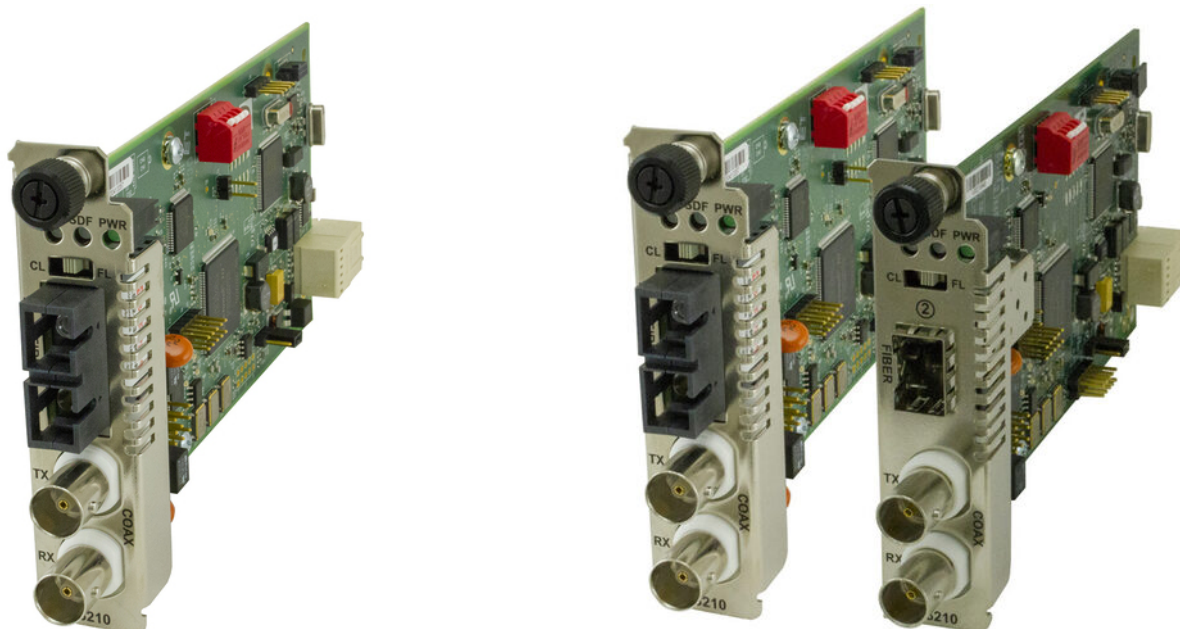


(2) Coax (BNC) to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB



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.

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- 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
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(2) Coax (BNC) to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB

The ION C6210 is a managed media converter module that provides a solution for those users that need to extend DS3-T3/E3 connections over fiber. The C6210 is available in versions that support fixed fiber connectors as well as SFP fiber modules offering support for a variety of fiber types, distances, and wavelengths to provide maximum flexibility across a variety of network topologies. CWDM SFPs can also be utilized to further increase the bandwidth capacity of the fiber infrastructure.

The C6210 DS3-T3/E3 converters must be used in pairs. A typical installation will include a modular card installed in a managed ION chassis linked over fiber to a stand-alone S6210 in a remote location.

Features

- AIS (Alarm Indication Signal)
- Coax Line Build Out
- Switch selectable for DS3/T3 or E3
- Remote firmware upgrade
- Loopback – Coax and Fiber
- LEDs for immediate visual status
- Supports dual or single fiber
- Supports multimode and single mode fiber at a variety of distances
- Supports CWDM SFPs
- SNMP management when used with ION chassis and management module
- Remote stand-alone can be managed by local peer
- Must be used in pairs

Technical Data

Standards

- ANSI
- ITU-TS
- ETSI
- G.823 for jitter tolerance
- G.755 for loss of signal

Connectors

- Coax Connectors 75 ohm coax
- Fiber Connectors SFP: LC connector Uses standard 100Base-X/OC-3
- SFP Fixed Optics: ST or SC connector

(2) Coax (BNC) to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB

Data Rate

- DS3/T3 = 44.7 Mbps; E3 = 34.4 Mbps

Status LEDs

- Power, Coax link status, coax loopback status, AIS on coax link; Fiber link status, fiber loopback status, AIS on fiber link

Dimensions

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

Power Consumption

- 2.5 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]

MTBF

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

Certifications

- CISPR/EN55022 Class A, FCC Class A, CE Mark

Warranty

(2) Coax (BNC) to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB

- Lifetime

Product variants & accessories

Art.-No.	Description
C6210-3014	(2) Coax (BNC) to 1310nm single mode (SC) [20 km/12.4 mi.] Link Budget: 16.0 dB