TRANSITION NETWORKS ®

ION DS1 - T1/E1/J1 Network Interface Device Module

4 x DS1 - T1/E1/J1 over Fiber

Media Converters

The ION C6110 is a managed T1/E1/J1 mux media converter module that provides a solution for those users that need to extend multiple T1/E1/J1 connections over fiber. The C6110 includes (4) RJ-48 ports and (1) fiber port. The device supports 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 C6110 converter 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 S6110 in a remote location.

Ordering Information

C6110-1040
   1 SFP port (Empty)
   to (4) RJ-48 [1.5 km/0.9 mi.]
   (SFP port uses standard 100Base-x/oc-3 SFP)

Optional Accessories (sold separately)

SFP Modules

Features

- (4) RJ-48 copper interfaces
- (1) fiber interface (SFP)
- Loopback via test set
- Local and remote loopbacks
- LEDs for device status and troubleshooting
- Settings for line code, line build out, loopbacks and Alarm Indication Signal (AIS)
- Access to complete status and configuration on local and remote device
- Remote firmware upgrade
- Remote management
- Must be used in pairs

Specifications

Standards	ANSI T1.102 T1.403 T1.408 ITU I.431 G.703 G.736 G.775 G.823 ETSI 300-166 ETSI 300-233 TBR 12/13 AT&T Pub 62411
Data Rate	Copper ports (RJ-48): T1(J1) = 1.544Mb/s, E1 = 2.048Mb/s SFP port (empty): 100Base-X/OC-3
Switches	Numerous switch settings for line coding, line build out, loopback and AIS
Status LEDs	Power, Port Status, Loopback and AIS
Dimensions	Width: 1.72" [44 mm] Depth: 6.5" [165 mm] Height: 3.4" [86 mm]
Power Consumption	6 Watts (max: dual fiber model) 5.5 Watts (max: single fiber model)
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