

Ethernet Concentrator

AFL's 24-Port Ethernet Concentrator is the ideal way to extend fiber connections from a Gigabit Ethernet fiber backbone to the home, business, or desktop. Each downstream port provides up to 100Mb full-duplex service over a single optical fiber while two Gigabit uplink ports can be provided in single-mode, multimode, or UTP configurations. The FNT3824 represents a cost-effective solution for the LAN while providing a full suite of carrier-class service and management features for Fiber-To-The-Premise deployment.

The FNT3012 single-fiber customer premise device offers the perfect complement to the FNT3824. The FNT3012 offers full-duplex 100Mb capability over a single fiber, streamlining fiber counts, fiber management, and installation costs. Additionally, the technology of the FNT3012 offers the management and future proofing expected of a carrier platform at price points that compete against today's LAN solutions.

Product Features

FNT3824:

- Spanning Tree Protocol (STP)
- 802.1q and Port-Based VLAN Capabilities
- GVRP (Generic VLAN Registration Protocol)
- IGMP (Internet Group Management Protocol)
- NTP
- DHCP Server / Relay
- Link Aggregation Control Protocol
- ARP
- 802.1p Packet Prioritization with WRED
- Multiple QoS Options
- Port Bandwidth Rate Control (100 Kb/sec increments)
- Daisy-Chain (Manual Trunking)
- MAC Address Filtering
- Port Mirroring

FNT3012:

- Robust Optical Loss Budget
- Single-Fiber Connectivity
- Loopback Test Function
- TTC TS-1000 Management Features
- Auto-Negotiation
- Integrated Fiber Management
- SNMP Traps
- Designed for Desktop or Wall Mount

Management

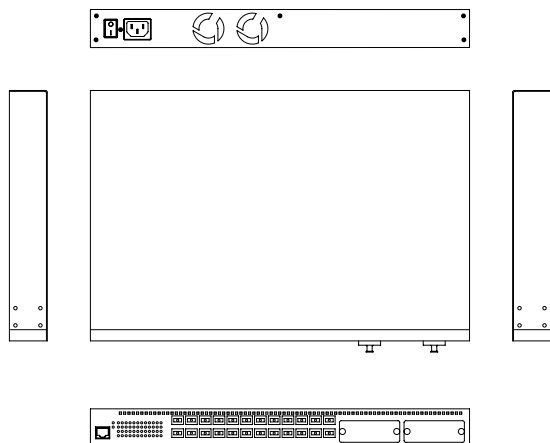
- Console Port Access
- Telnet
- SNMP Agent
- Web-Based GUI
- FTP/TFTP
- MIB
- RMON

Standards

- IEEE 802.1d (Bridge)
- IEEE 802.1p (Packet Prioritization)
- IEEE 802.1q (VLAN)
- IEEE 802.3ab (1000BASE-T)
- IEEE 802.3ad (Link Aggregation)
- IEEE 802.3x (Flow Control)
- IEEE 802.3z (1000BASE-SX/LX)
- TTC TS-1000 Class S

Ethernet Concentrator

Concentrator



Physical Specifications

PARAMETER	VALUE*
Dimensions (W x D x H)	17.34in (440mm) x 11.43in (290mm) x 1.73in (44mm)
Weight	8.82 lbs (4 kg)

* Specifications do not include brackets or any other attachments.

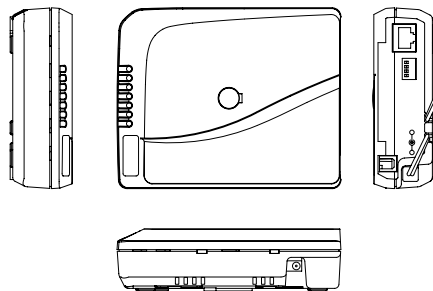
Interface Specifications

INTERFACE	QTY	SPECIFICATION
Uplink port	2	UTP: 100/1000BASE-T Multimode: 1000BASE-SX Single-mode: 1000BASE-LX
Console port	1	RJ-45
Subscriber port	24	100BASE-BX

Port Specifications

PARAMETER	VALUE
Wavelength	1550nm (Tx) / 1310nm (Rx)
Optical loss budget	0 to 16dB
Fiber	Standard Single-mode
Connector	Standard SC (non-angled)

Media Converter



Physical Specifications

PARAMETER	VALUE*
Dimensions (W x D x H)	4.13in (105mm)W x 5.12in (130mm)D x 1.38in (35mm)H
Weight	.66 lbs (.3 kg)

* Specifications do not include brackets or any other attachments.

Interface Specifications

INTERFACE	QTY	SPECIFICATION
LAN port	1	10/100BASE-TX 100BASE-BX

Port Specifications

PARAMETER	VALUE
Wavelength	1310nm (Tx) / 1550nm (Rx)
Optical Loss Budget	0 to 16dB
Fiber	Standard Single-mode
Connector	Standard SC (non-angled)