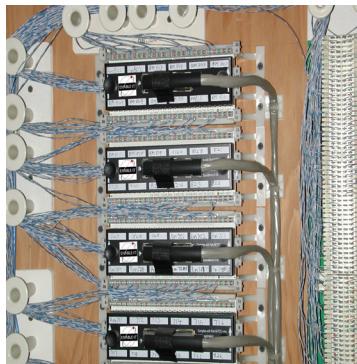
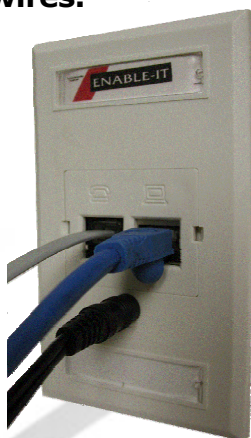


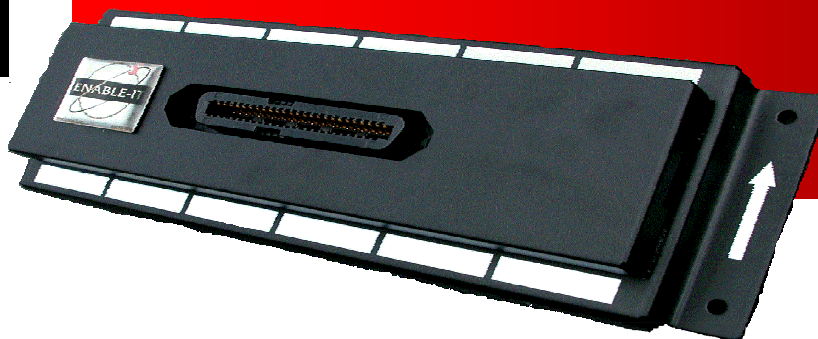
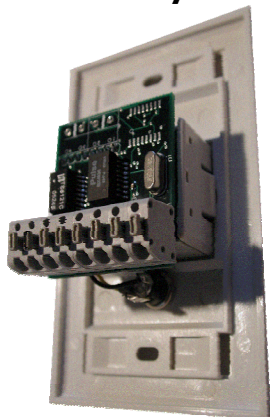
Enable-IT 8212 Single Pair Ethernet



Delivering Ethernet and voice services using existing 1-pair telephone copper wires.



Unique Wall plate design for rapid install and no-hassle connectivity



The **Enable-IT 8212 Single Pair Ethernet Concentrator** is a robust, scalable broadband concentrator enabling high-performance digital video, POTS, and high-speed Internet access running over standard telephone copper wiring. This Telco 110 Block product is the first to market a full-service solution without requiring any powered CPE. This is done by leveraging unique technologies to deliver high-speed voice and data connectivity directly to a modular wall plate.

The 8212 Single Pair Ethernet Concentrator enables service providers the flexibility to meet the end-user demand for customized, real-time service offerings – giving them a powerful new way to enhance their revenues, to compete for cable TV, video on demand, VOIP and other services.

Installation of the 8212 Single Pair Ethernet Concentrator begins at Telephone closet blocks where scalability in ports is determined to directly connect into the existing telephone wiring. Existing POTS service is combined into our 1-pair (2-wire) Ethernet signal and terminates into an 8202 Series wall plate/s at each tenant.

HIGHLIGHTS

- 110 Telco Block Concentrator requires No Power Consumption
- Mixed Digital Voice, Data, Video over existing telephone copper
- Modular Wall Plate with dual phone line, Ethernet jack, and desktop extender provided
- Supports single Wall plates on same line for access anywhere.
- Rapid and Easy Installation

FEATURES & SPECIFICATIONS

Features:

- 12 Ethernet lines in a Telco 110 Block
- 10 Mbps full-duplex service delivery
- Ethernet switch independent
- Connects to Standard IP Digital Set Top boxes; IGMP compliant
- Maintains lifeline POTS or Digital PBX
- MPEG over IP support
- Supports digital VoD channels
- Supports single wall plate CPE per switch port over 1-pair wire

Specifications:

8212 Power: No power consumption
Passive device, no firmware

Dimensions:

Height: 3.5" (89mm)
Depth: 2" (51mm)
Width: 10.5" (268mm)

Functionality:

Data Rates 10Mbps Full Duplex
Ethernet modes supported

10Mbps half duplex

10Mbps full duplex

Max Distance 328ft /100m

Interfaces

8212 Block – AMP Hydra (12) RJ-45

Wall Plate – (1) RJ-11 single POTS

(1) RJ-45

Environment

Temperature

Operating temp: 0° to 50°C/32° - 122°F

Storage temp:-25° to 60°C/-13° - 140°F

Humidity 5% to 95%, non-condensing.

Enable-IT, Inc.

3155 E. Patrick Ste 1
Las Vegas, NV 89120
T (888) 309-0910
F (320) 215-6907

www.enableit.com

sales@enableit.com

Enable-IT Australia

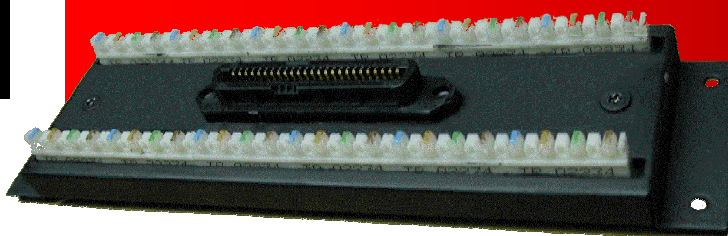
P.O. Box 1306
Crows Nest, NSW 2065
T +61 2 9432-0799
F +61 2 9432-0707

www.enableit.com.au

sales@enableit.com.au

8212 SINGLE PAIR ETHERNET

ENABLE-IT



Enable-IT 8212 Single Pair Ethernet



Key Benefits

- **Enables existing telephone wiring to deliver 10MB Full-Duplex Broadband Services**
- **No tenant equipment to support**
- **Long term solution requiring no upgrades or maintenance**
- **Greatest Value Proposition and Lowest cost on the market today**
- **Supports multiple WAN connectivity for redundancy or failover**
- **Network equipment independent – Transparent inoperability**
- **110 Telco Block footprint for space saving installations**

Wireless WAN Capable

WAN Broadband options can include last mile connectivity via wireless transport such as FCC Approved 2.4GHz ISM SpreadSpectrum Radios. Routers can be programmed to use this as a backup link for failover redundancy

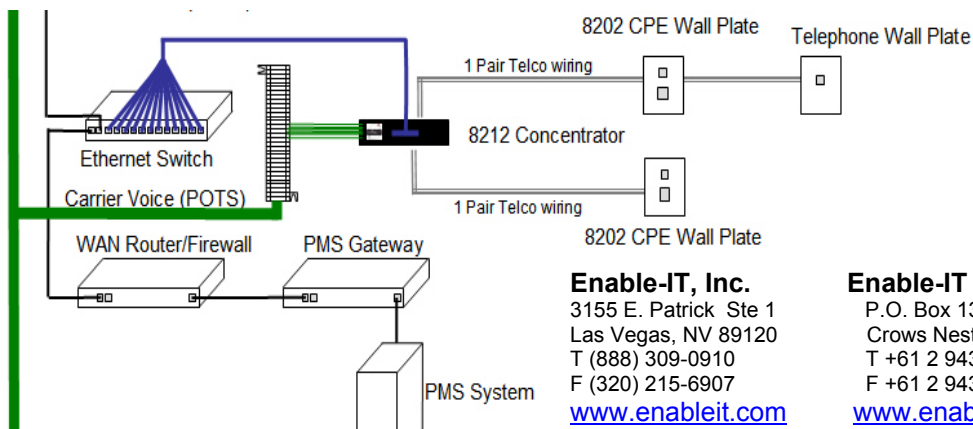
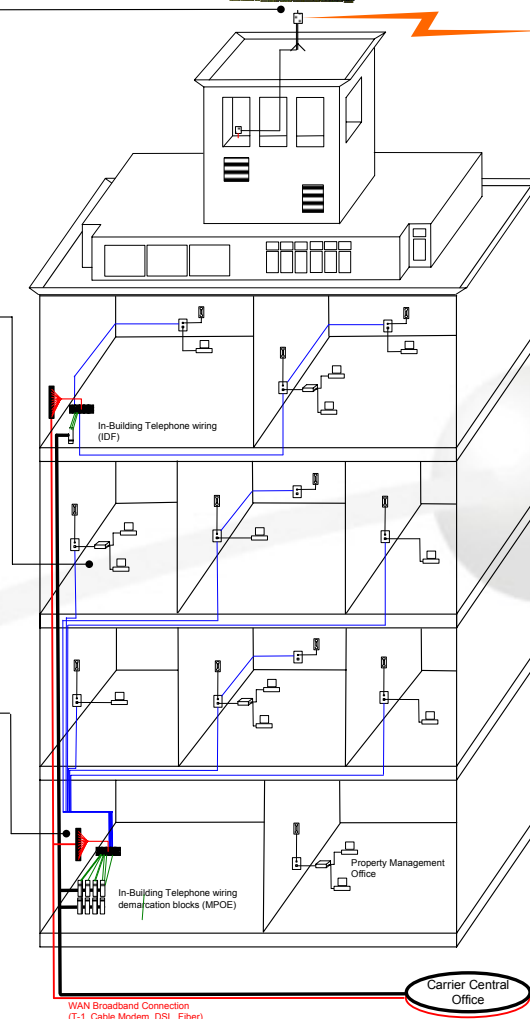
In-Building Broadband

High bandwidth demanding tenants connect to this new Broadband Services Infrastructure provided by the building owner through existing telephone wiring. Only 1 8802 faceplate is needed per room. No powered CPE is required. ISP Services can be supported by our Nationwide carriers or existing ISP contracts. This unique infrastructure enables a wide range of bandwidth hungry applications and a competitive advantage to savvy users. The 10MB full duplex capabilities will support bandwidth needs for the next 5 to 10 years.

8212 Telco 110 Chassis

Enable-IT 8212 Single pair Ethernet Controllers are wall mount installed nearest to room wiring blocks/IDF and inserted in-between the MPOE/PBX phone wiring block and the room wiring. Ethernet is provided via a switched infrastructure. Internet WAN Broadband connectivity is attached to the Ethernet backbone. The 8212 Concentrator provides 10MB full duplex broadband (Voice, Video, Internet) services over existing same-pair telephone copper wiring up to 328ft/100m. This equipment enables property owners to increase their value to tenants without having to spend expensive capital.

Rapid Install using the Telco 110 blocks and cross-connect wiring into existing Phone wiring. No configuration, no firmware or power needed.



Enable-IT, Inc.
3155 E. Patrick Ste 1
Las Vegas, NV 89120
T (888) 309-0910
F (320) 215-6907

www.enableit.com
sales@enableit.com

Enable-IT Australia
P.O. Box 1306
Crows Nest, NSW 2065
T +61 2 9432-0799
F +61 2 9432-0707

www.enableit.com.au
sales@enableit.com.au