The Next Generation Broadband



860 ETHERNET BACKBONE EXTENDERS



Enable-IT 860 Series LRE Solution



- > Voice
- Video
- Data

Extends Full-Duplex 100MB Ethernet up to 6,000' or 1,828m

Small footprint for simple installation

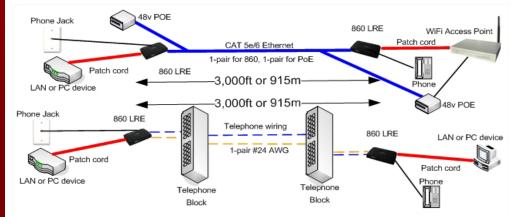
Saves costs of rewiring and expensive LAN equipment

Plug and Play installation allows rapid connectivity of your extended network The Enable-IT 860 VDSL2 Ethernet Extenders are the highest speed copper extenders in the industry today. They drive industry standard 10baseT and 100baseT Ethernet signals to over nineteen times the restricted IEEE standard Ethernet distance. This cost-effective solution eliminates many of the limitations and high costs for extending LAN cabling today.

The 860 Series Solution is a pair of Ethernet line drivers that utilize an existing 1-pair or #24 AWG Telco wiring between each 860 series LRE.

HIGHLIGHTS

- Extends 10MB or 100MB Ethernet 19x the IEEE specs for Ethernet
- Enables Ethernet connectivity to LAN's at a fraction of the previously costly options
- Broadband Transport for delivering Voice, Data, Video over CAT 3 or CAT 5 cabling
- Can be used on all LAN devices including switches, routers, hubs, gateways and end nodes
- Mixed Digital Voice, Data, Video over existing telephone copper
- Rapid and Easy Installation



FEATURES & SPECIFICATIONS

Features:

- Extends standard 100baseT Ethernet 19x beyond the 328ft or 100m limitation of twisted pair Ethernet over existing 1-pair phone wiring or better
- Supports digital VoD channels
- 100 Mbps full-duplex service
- Single RJ-45 100MB Ethernet port
- Single RJ-11 POTS port (telephone)
- MPEG over IP support

Specifications:

LAN interface: Single RJ-45 100Mbps

Dimensions:

Height: 1" (25mm) Length: 6" (152mm) Width: 4" (101mm)

Functionality:

Up to 700ft(200m) - 100Mbps 700ft(200m) to 1,350ft(400m) - 90Mbps 1,350ft(400m) to 1,970ft(600m) - 70Mbps 1,970ft(600m) to 2,625ft(800m) - 52Mbps 2,625ft(800m) to 3,280ft(1000m) -42Mbps Up to 6,000ft(1,828m) - 30Mbps

Max Distance 1,828m / 6,000ft Interfaces 860 Units – (1) 100Mbps Ethernet (1) RJ-11 POTS

Environment

Temperatures Operating Temp: -20° to 70°C/-4° to 160°F Storage Temp: 25° to 70°C/-13° to 160°F Humidity 5% to 95%, non-condensing