ENABLE-IT

890 ETHERNET BACKBONE EXTENDERS

Enable-IT 890 Series LRE Solution

➢ **Voice**
➢ **Video**
➢ **Data**

Uses only 1-pair of wet (active phone) or dry (unused) wiring or CAT rated cabling.

Extends Full-Duplex Ethernet up to 6,000'

Small footprint for simple installation

Saves costs of re-wiring and expensive LAN equipment

Plug and Play installation allows rapid connectivity of your extended network

The Enable-IT 890 Series LRE is a unique Ethernet LAN product that leverages digital technology to drive industry standard 10baseT and 100baseT signals to over fifteen times specified Ethernet distances. This cost-effective solution eliminates many of the limitations and high costs for extending LAN cabling today.

The 890 Series Solution is a pair of Ethernet line drivers that utilize an existing 1-pair or #24 AWG Telco wiring between each 890 series LRE.

HIGHLIGHTS

▪ Extends 10MB or 100MB Ethernet 15x 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 10baseT or 100baseT Ethernet 15x beyond the 100m specifications over 1-pair phone wiring (#24 AWG or better)
• Supports digital VoD channels
• 10/100 Mbps full-duplex service
• Single line 10/100 Ethernet interface
• Single line POTS RJ-11 interface
• MPEG over IP support

Specifications:
LAN interface: Single RJ-45 10/100

Dimensions:
Height: 1" (26mm)
Length: 4" (101mm)
Width: 6" (152mm)

Functionality:
Data Rates 10/100Mbps Full Duplex Throughout is dependant on your wire type, wire distance and your LAN gear
Max Distance 1,828m / 6,000ft
Interfaces
  890 CPE/Base – (1) 10Mbps Ethernet
                (1) RJ-11 POTS

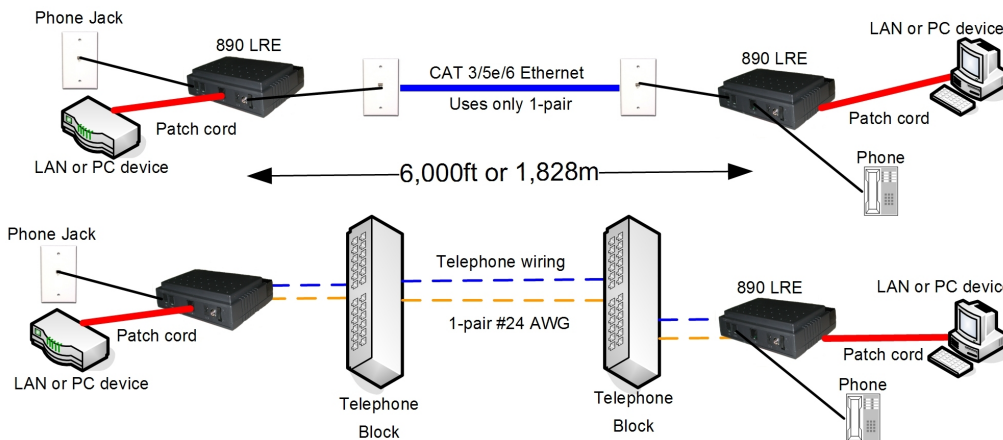**Environment**
Temperatures
Operating Temp:
    0° to 50°C/32° to 122°F
Storage Temp:
    25° to 60°C/-13° to 140°F
Humidity
    5% to 95%, non-condensing

Phone Jack
890 LRE
CAT 3/5e/6 Ethernet
Uses only 1-pair
890 LRE
LAN or PC device
Patch cord
Patch cord
LAN or PC device
Phone
6,000ft or 1,828m

Phone Jack
Telephone wiring
1-pair #24 AWG
890 LRE
LAN or PC device
Patch cord
Patch cord
LAN or PC device
Phone
Telephone Block
Telephone Block