

895 ETHERNET BACKBONE EXTENDERS



Enable-IT 895 Series LRE Solution



- **Voice**
- **Video**
- **Data**

**Extends Full-Duplex
Ethernet up to 1,970'**

**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 895 Series LRE** is a ultra high-speed Ethernet LAN product that leverages digital technology to drive industry Ethernet signals up to 130MB to over six times the IEEE 802.3 specified Ethernet distances. This cost-effective solution eliminates many of the limitations and high costs for extending LAN cabling today.

The 895 Series Solution is a pair of Ethernet line drivers that utilize an existing 1-pair or #24 AWG Telco wiring between each 895 series LRE.

FEATURES & SPECIFICATIONS

Features:

- Extends Ethernet signals 6x beyond the 100m specifications over 1-pair phone wiring (#24 AWG or better)
- Supports digital VoD channels
- 130 Mbps full-duplex service
- Dual line 10/100 Ethernet interface
- Dual line POTS RJ-11 interface
- MPEG over IP support

Specifications:

LAN interface: Dual RJ-45 10/100

Dimensions:

Height: .75" (1.9cm)
Length: 3" (8.35cm)
Width: 2" (6.35cm)

Functionality:

Data Rates 130Mbps Full Duplex
Ethernet modes supported
10Mbps up to 1000Mbps full duplex

Max Distance 1,970ft / 600m

Interfaces

895 CPE/Base (2) 100Mbps Ethernet
(2) RJ-11 POTS

Environment

Temperatures

Operating Temp:

-35° to 50°C/32° to 140°F

Storage Temp:

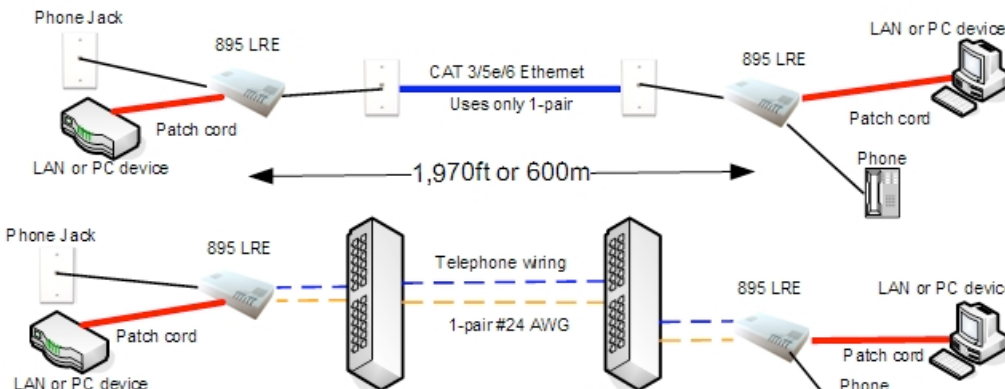
-35° to 60°C/-13° to 140°F

Humidity

5% to 95%, non-condensing

HIGHLIGHTS

- Extends 130MB Ethernet 6x 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 5e/6 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



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