



8935 EXTREME REACH ETHERNET EXTENDER

The Next Generation
Broadband



Enable-IT 830 LRE
CPE Modem



- Voice
- Video
- Data

Extends Ethernet up to 22,000' or 6.5km

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

Supports up to 8 separate runs and CPE

The Enable-IT 8935 Extreme Reach Extender is an 24 port ADSL2+ DSLAM unit that provides a maximum downstream rate up to 24 Mbps and maximum reach distance over 6.5 Km to remote Enable-IT 830 Ethernet CPE.

The Enable-IT 8935 concentrator and 830 Ethernet modems are ideal for those seeking to run Ethernet communications at extreme distances without the use of expensive fiber transceivers or special wiring.

The 8935 concentrator and 830 modems use existing copper wiring (twisted pair or telephone lines) to provide high speed Ethernet communications and phone service together.

The Enable-IT 8935 is compliant with ITU Annex A, G.992.5, G.992.3, G.992.1, and features the multiple Link Status LED indicators in a front panel for easy diagnostics. This ADSL2+ technology is an enhanced version of the ADSL technology, which provides cross-talk free deployment.

HIGHLIGHTS

- Extends Ethernet 65 times the IEEE specs for Ethernet communications distance limits
- 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

FEATURES & SPECIFICATIONS

Features:

- 19in Rackmount Concentrator
Extends Ethernet signals 65x beyond the 100m specifications over 1-pair phone wiring (#24 AWG or better)
- Supports digital VoD channels
- 24 Mbps downstream service
- 1 Mbps upstream stream service
- CPE - 10/100 Ethernet interface
- CPE - POTS RJ-11 interface

8935 Base Specifications:

LAN interface: (1) RJ-45 10/100
ADSL2+ interface: (1) RJ-21 (24 ports)

Dimensions:

Height: 1.75in or 1u
Length: 10"
Width: 19" rackmount

Functionality:

Max Distance 22,000ft / 6.5km
830 CPE Specifications
(1) RJ-45 LAN 100Mbps port
(1) RJ-21 POTS connector

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

