



8955 PoE+ & ETHERNET EXTENSION DSLAM

Next Generation Broadband



870 PoE+ 4 port CPE



- Voice
- Video
- Data
- PoE+

Extends PoE+ and Full-Duplex 100Mbps Ethernet up to 2,500' or 762m

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 8955 PoE+ Ethernet Extension DSLAM is the only PoE+ and Ethernet DSLAM in the industry today. It renders PoE Midspan devices obsolete. The 8955 can effectively install up to 25 of your PoE devices at distances up to 2,500ft. This cost-effective solution eliminates many of the limitations and high costs for using traditional, PoE Midspan switches or extending LAN cabling today.

The 8955 DSLAM can utilize any existing 2-pair wiring for each remote 870 PoE+ CPE

HIGHLIGHTS

- Extends 100Mbps Ethernet 7.6x the IEEE specs for Ethernet distance
- Enables Ethernet connectivity to LAN's at a fraction of the cost of fiber options
- Robust QoS - 2 priority queues for three type of Class of Service
 - Port-Based
 - IEEE 802.1p/q priority tag
 - TCP/IP header's TOS/DSCP
- Supports VLAN : Port-Based VLAN: up to 9 VLAN groups
IEEE 802.1Q Tagged Based VLAN: 4094 VLAN ID, up to 32VLAN groups
- Rapid and Easy Installation on any copper wiring – using RJ-45 LAN
- Link Aggregation : Supports 2 groups of 4-Port trunk

FEATURES & SPECIFICATIONS

Features:

- Extends standard 100baseT Ethernet 7x beyond the 328ft or 100m limitation of twisted pair Ethernet over existing 2-pair phone wiring or better
- Supports digital VoD channels
- 100 Mbps full-duplex service
- CPE Quad RJ-45 100Mbps LAN ports
- MPEG over IP support

Specifications:

- (1) Rackmount 8955 Unit w/
- (8) Voice IN RJ11 Telco ports
- (8) Voice & Data/PoE OUT RJ45
- (2) 1000Mbps (Gigabit) uplink ports (either copper or GBIC fiber module)

Dimensions:

Height: 1.5" (38mm)
Depth: 3.75" (95mm)
Width: 5.75" (146mm)

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 2,500ft(762m) - 65Mbps

Max Distance 762m / 2,500ft

Interfaces

- 8955 – (8) 100Mbps PoE Ethernet RJ-45 OUT ports
- (8) RJ-11 phone IN ports
- 870 CPE – (4) 100Mbps PoE Ethernet RJ-45 ports
- (1) RJ-45 Interlink port

Environment

Operating Temp:

-45° to 76°C/-49° to 168°F

Humidity

5% to 95%, non-condensing

