

VDSL CO Master Modem (ENV0125) for Long Range Ethernet (LRE)

The SOHware ENV0125 CO Modem supports Long Range Ethernet applications for duplexing voice and data over existing Cat.3 infrastructure. The CO Modem is paired with the ENV0120 CPE Modem to create a complete LRE solution for one line. Ideal for implementing incremental service activation on a unit by unit basis in MTU/MDU type applications. Data signals are extended over 4000 feet at Ethernet data rates (10 Mbps). Data rates are auto-link controlled.



Specifications

VDSL Functions

- IEEE802.3 10BaseT Ethernet
- IEEE802.3u 100BasedTX Fast Ethernet
- 10/100Mbps Auto-Negotiation
- VDSL QAM standard compliant
- Data Transfer Rate 12.5 Mbps / 6.25 Mbps / Default (4 Mbps / 1 Mbps) with Auto-link and Auto Fall-down
- VDSL Max. Distance 1500m
- Phone port signal using low pass filter

Interface

- One RJ-45 connector 10BaseT/100BaseT (IEEE 802.3)
- Two RJ-11 phone jacks, one for VDSL, and the other for standard telephone connection
- One DC power

Environment Conditions

- Operating Temp: 0 to 50 C
- Humidity: 20-90% non-condensing

Power Requirements

- External power adaptor
- 100-220 VAC, 50/60 Hz
- Consumption: under 10 W

LED Indicators

- Power
- VDSL link / activity
- VDSL speed
- Ethernet link / activity
- Ethernet speed



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