



Total Access 832

Two-Port, SHDSL EFM Ethernet NTU

Product Features

- Supports two EFM bonded 2W SHDSL Ports
- Enhanced SHDSL data rate performance up to 5.7 Mbps per loop (11 Mbps total)
- Symmetrical data transfer rates for upstream/downstream VLAN Management
- Auto-failover and recovery
- Plug-and-play auto-line detection for easy installation
- Autosensing 10/100Base-T Ethernet Spectral compatibility for operation alongside other DSLs Command Line Interface (CLI)
- Firmware upgrades through the LTU
- AC power supply
- Deskmount or rackmount options
- Industry leading warranty

The Total Access® 832 is an NTU and terminates up to two e.SHDSL pairs. A single 10/100 Ethernet port is provided for customer use. The Total Access 832 is designed for cost-effective deployment of voice and data services to small and medium size businesses supporting bandwidth of up to 11 Mbps. The Total Access 832 is an Ethernet NTU designed for LAN, WAN, and Metro-Ethernet extension as well as supporting VoIP applications with both voice and data traffic. Enterprise customers, as well as integrated communications providers, such as CLECs, ILECs and ISPs, will benefit from this intuitive, easy to install, plug-and-play unit. An additional key feature of this unit is auto-line detection, which enables synchronization with data rates from 192 kbps to 5.7 Mbps without operator intervention.

This Ethernet NTU terminates up to two, 2W SHDSL ports on an RJ-48C connector supporting data rates up to 5.7 Mbps per copper pair. Together, the two EFM bonded loops provide up to 11 Mbps over a single, logical connection. In the event that a single loop fails, the Total Access 832 will continue to operate on the remaining loop, providing extra resiliency. Once the failed loop is operational again, the Total Access will automatically detect its availability and will auto-recover to the original configuration.

SHDSL is one of the most functional standards-based DSL technologies. SHDSL incorporates spectral compatibility, impairment tolerance, and high-speed symmetric data rates. SHDSL is particularly well suited for business-based deployments incorporating voice-line delivery, VoIP Internet, and remote LAN data connectivity. Less overhead is required for EFM bonding than DMA and MLPPP, leaving more bandwidth available for customer traffic.

The EIA-232 craft port enables local access for configuration and status information. The SHDSL EOC provides carriers a management channel to remotely configure and collect status information.

The compact design provides safety and reliability required for customer premise installations. It can be wallmounted or rack mounted depending on customer preferences. When wallmounted, the Total Access 832 only occupies a 6-inch by 10-inch area of the customer's telephone wiring closet (less than the size of a standard piece of notebook paper). For rackmount installations, custom 19-inch rackmount shelves are available.

