OTS-A2048

ADSL2+ DSLAM

OTS-A2048 is a mini-DSLAM designed for efficient scalability and easy deployment for access network. The broadband access solution provides an exceptionally way that builds with advanced platform to support ADSL revenue generating service for IP network. The energy-efficient compact enclosure design fits perfectly inside temperature hardened and space limited rack space of telecommunication curbside cabinet.

OTS-A2048 provides several options to provide 24 ports and 48 ports IPDSLAM that allow new revenue to be generated with minimum installation time and expense

OTS-A2048 offers flexibility to service providers to deliver differentiated services by offering a wide range of multiple DSL connectivity speeds at different price

OTS-A2048 occupies only 1.5U(24 and 48 ports) of standard Telco rack space, it will easily be fitted in existing remote terminals.

OTS-A2048 is equipped with fan and air filter unit, low power requirement plus full diagnostic and alarm reporting capability. SNMP,CLI and Web GUI based powerful, easy-to-use features including remote access and software download that help service providers minimize daily operational costs.

Features

- Supporting ADSL, ADSL2, ADSL2+ via POTS/ISDN user interface
- Provides 48 ports ADSL2/2+, only by 1.5U chassis space
- Built-in splitter for 48 ports variety in 1.5U space
- 1.5U 24 port is feasible in future release
- Stackable for higher port density
- Operating Temperature : -10°C to 65°C
- Relativity Humidity: 5% to 95% (non-condensing) at 35°C
- FAN alarm indicating if FAN malfunction
- Temperature monitoring and system overheating trap functionality

Specifications

Interfaces

- Network Interface
  - 2 x 100/1000 Based-Tx or 2 x mini-GbE
- Subscriber Interface 24/48 ports
  - ADSL2+/POTS/ISDN (G.992.1 .2 .3 .5)

Service Characteristics
- IEEE 802.1d Spanning tree protocol (STP)
- IEEE 802.3ad Link aggregation
- Security on console access
- MAC filtering and count limit
- Access control list (ACL)
- Multicasting Support
- Broadcast control and broadcast rate limit
- Port-based and 802.1p/q Tag-based virtual local area network (VLAN)
- IGMP v1/v2 snooping and Proxy
- SNMP v1 and v2c
- Remote Statistic (1, 2, 3, 9 groups)

System Configuration
- Multiple-session TELNET
- Supports point-to-point VCC link
- Software Remote upgrade

Performance Monitoring
- Monitors of line attenuation, noise margin, current rate, loss of signal, loss of framing loss of power and error second performance data.
- Provides 15-minute and 1-day counters for history record

Alarm and Status Surveillance
- Automatic alarm/LED indication for alarm and system status
- Maintenance signal for OAM functionality
- Four housekeeping inputs and One alarm contact closure outputs

Network Management
- Memory back-up
- Database export and import functionality
- RS-232 serial and Ethernet 10/100 port for local management
- NMS/EMS for Multiple Nodes Management based on SNMP (optional)

Management Information Base
- RFC 1213 SNMP MIB II
- RFC 1493 Bridge MIB
- RFC 1643 Ethernet MIB
- RFC 2674 Q MIB
- RFC 1757 RMON MIB, group 1,2,3,9
- ADSL Line MIB
- HNS proprietary MIB

Dimensions
- 1.5U: 66mm x 482mm x 265mm (H x W x D) for 24 and 48 Ports with splitter built-in

Environmental
- Operating Temperature: -10°C to 65°C
- Operating Humidity: 5% to 95% non-condensing

Power Requirements
- Input: -48 V DC (-42 V to -56 V)
- Input: AC 100 VAC to 240 VAC is feasible in future release
- Dual A+B -48 V DC power input terminal

Certification
- ITU-T K.20
- ETSI 300-019, 300-386
- EN 60950
- Conform to CE requirements
- RoHS

OPEN Open Telecom, Inc
www.open-telecom.com