

## 24-Port SHDSL IP DSLAM

2671, 2674

### AC Powered IP Mini DSLAM; Enables Business-class Broadband Deployments From Central Office Sites or In-building Applications

#### Overview

The 2600 with G.SHDSL lets the service provider deliver high speed symmetric bandwidth to customers in locations where fiber access is not available or as an alternative to T1/E1 line provisioning. This capability makes the 2600 with G.SHDSL the solution for deployment of high bandwidth business class services to those customers that would otherwise be limited to lower bandwidth T1/E1 line speeds.

The 2600 with G.SHDSL provides all the features required to ensure a quality business class service offering. Transparent LAN Services and VoIP are easily deployed using the extensive IEEE 802.1Q VLAN capabilities along with the 802.1p prioritization capabilities. These features ensure that the service provider can easily segregate traffic by either traffic class or service type.

The AC powered 2600 DSLAM is easily deployed in central office, campus, or in-building environments such as hotel/motel, condominiums, apartments, and dormitories.

#### Features

- Compact 1U 24-port form factor with universal mounting brackets and AC power
- G.SHDSL provides symmetric bandwidths
- Multiple pair bonding to gain speeds greater than 10Mbps
- IEEE 802.1p priorities to ensure proper handling of priority traffic
- IEEE 802.1Q VLAN for segregation of traffic for different business applications
- Various uplink options - 10/100/1000baseT, GigE fiber, T1 or E1 MLPPP
- Easily managed using Web interface, CLI, Telnet or SNMP

#### Benefits

- High-performance feature set for business applications
- Interoperable with industry standard G.SHDSL CPE
- Supports up to 5.7Mbps on a single pair
- Supports multiple pair bonding for increased bandwidth

## Specifications

### Dimensions

1.75" (4.4cm) high x 17.2" wide x 14.2" depth

### Power

Power Input: 90-265 V AC, 47-63 Hz

Power Consumption: xx Watts (typical)

### Interfaces

DSL: Front 50-pin connector for local loop

Uplink: Gigabit Ethernet (copper and optional Fiber), 10/100BaseT Ethernet, 8xT1/E1 MLPPP

Management: Serial craft Interface, Alarm Relay connections (input/output)

### Standards Support

ITU G.991.2 (SHDSL)

ITU G.994.1 (G.handshake)

ITU G.997.1 (physical layer management)

### Protocol Support

RFC1483/2684 Bridged Encapsulation

IEEE 802.1Q VLAN

IEEE 802.1p Priority Output Queuing

IGMP v2

MAC Address filtering

Host Address filtering

### Management

SNMP

Embedded WEB Server

Telnet, CLI

GrandVIEW EMS

### Bandwidth/Distance

Up to 5.7 Mbps on a single copper pair

Supports M-pair bonding (M = 1-4)

### Regulatory Compliance

Spectral and Electrical Compliance Standards:

ANSI T1.413, ANSI T1.417, UK ANFRP

ETSI TR101 830-1

UL1950, C22.2 No. 950-95, FCC Part 15, EN60950, ENSS022,

CISPR22, VCCI

### Operating Requirements

Operating Temperature: -40C to 55C

Storage Temperature: -40C to 80C

Relative Humidity: 5% to 95%

## Ordering Information

2671-A2-420	24p G.SHDSL, GigE Uplink, AC, N.A. power cord
2671-A2-424	24p G.SHDSL, GigE Uplink, AC, UK power cord
2671-A2-425	24p G.SHDSL, GigE Uplink, AC, EURO power cord
2674-A2-420	24p G.SHDSL, T1 MLPPP Uplink, AC, N. A. Power Cord
2674-A2-422	24p G.SHDSL, E1 MLPPP Uplink, AC, Euro Power Cord



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