

2U, 6-Slots CWDM Managed Chassis

SML-2000



The SigmaLinks 2000 is a flexible, cost-effective optical transport system, designed to multiplex, de-multiplex and switch high-speed data for storage, video and voice applications. The SML-2000 is housed in a standard 2U, 19" or 23" rack mountable transport platform for ITU G.694.2 compliant CWDM applications, which features 6 universal hot-swappable module slots. Currently supported module line cards include SNMP, Transponders, Mux/Demux, OADM, Optical protection and optical channel monitors. The SML2000 supports optional redundant power and SNMP management. Another unique feature of the SML2000 is a line card design which may be transformed into stand-alone units. The use of a common PCB card which may either be placed in the rack or used as a stand-alone unit reduces manufacturing costs as well as the inventory of spares required by distributors, installers, and end users. The NMS (Network Management System) option includes an SNMP card (agent) and standard MIB file for importation and compilation into network management platforms such as HP OpenView or CA Unicenter. This allows remote configuration and system monitoring via industry standard network management software.

Features

- 2U 19 (23)" chassis accommodate up to 6 card modules
- All modules are hot-swappable
- Redundant AC, DC power and cooling fans
- TFTP firmware upgrade
- Supports Console, Telnet, SNMP and Web management
- Alarm Relay contacts
- Up to 8 CWDM wavelengths in compliance with ITU G.694.2

Specifications

Connectors

Console port features an RS232 (DB9) connector,
Alarm : Terminal Block

Physical Specifications

Dimensions: 440 x 250 x 89mm (W x D x H)
Weight: 4.8kg w/o P/S

Power Characteristics

AC input: 100 ~ 240V AC
DC input: 24VDC, 48VDC, 72VDC

Environmental Specifications

Operating : 0°C ~ 50°C
Storage : -10°C ~ 70°C
Relative humidity 5% ~ 90% non-condensing
Predicted MTBF : 65,000 hrs

Certification

FCC class A, VCCI class A, CE, RoHS

SigmaLinks 2000 Major Components



Power Redundancy

SML2000 chassis power supplies are hot swappable and modular, installing two into a chassis provides redundancy should a single power supply fail.

Power Redundancy

To further increase system reliability, the SML2000 chassis is fixed with two cooling fans on the rear of the chassis.

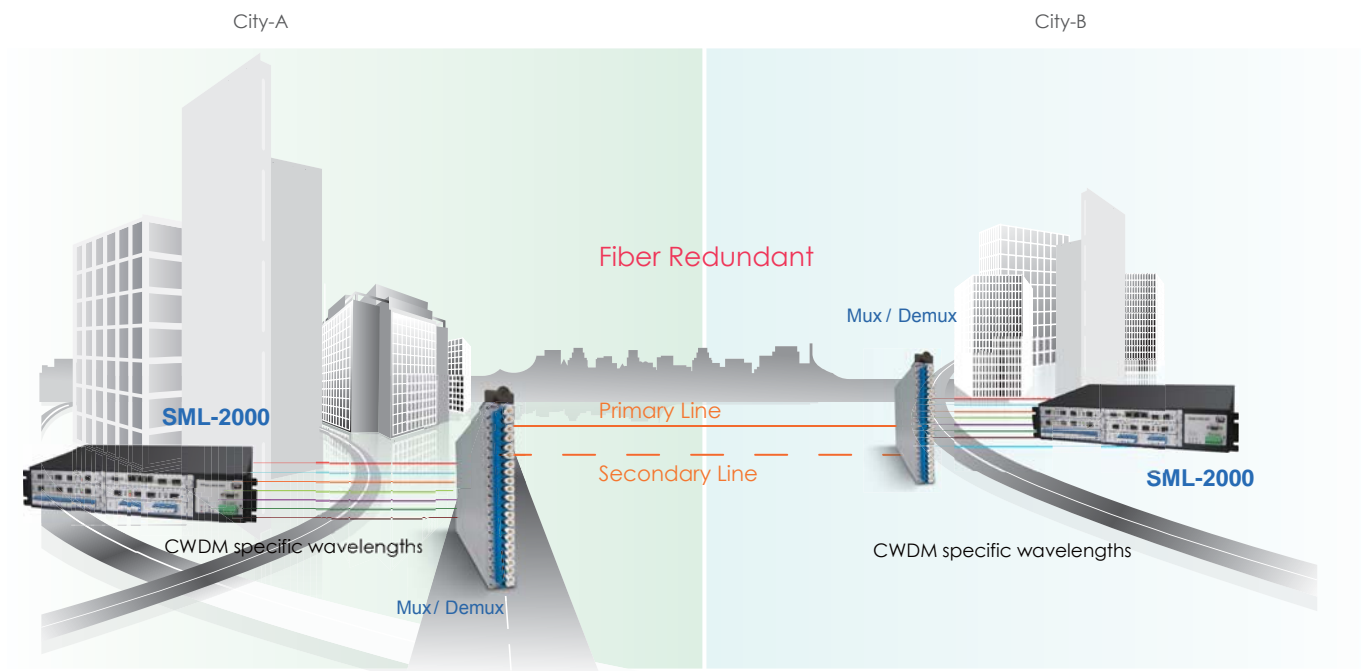
Network Management

The SML2000 chassis provides an SNMP card which can be installed into any slot of chassis. The SNMP card allows a network administrator with the ability to configure and monitor the status of the blades. Management can be achieved locally over RS232, or over the network by Telnet, Web or SNMP.

Protocol Supported

The SML2000 chassis allows network administrators to deploy the chassis in a wide range of network. Technologies supported by the chassis included Transponder, Mux/Demux, Optical line Protection and Optical Add/Drop Mux (OADM).

CWDM 8-Service over dual fiber with Protection



Ordering Information

Model Name	Type	Description
SML20-Chassis	Chassis	2U, 19[23]" 6-slot Chassis with hot swappable redundant power,
SML20-AC	Power	2U chassis AC power supply (90 ~ 264 VAC)
SML20-DC24	Power	2U chassis DC power supply (18~ 56 VDC)
SML20-DC48	Power	2U chassis DC power supply (36 ~ 72 VDC)
SML20-SNMP	SNMP Card	2U Chassis SNMP card supports web, telnet, console , SNMP functions

Chassis Type
SML20 -
 Example: SML20 – Chassis

Power Type
SML20 -
 Example: SML20 – AC