

5U, 17-Slots CWDM Managed Chassis

SML-5000



The SigmaLinks 5000 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-5000 is housed in a 5U, 19" or 23" rack mountable transport platform for ITU G.694.2 compliant CWDM applications, which features 17 universal hot-swappable module slots. Currently supported module line cards include SNMP, Transponders, Mux/ Demux, OADM and Optical protection. The SML-5000 supports optional redundant power and SNMP management. Another unique feature of the SML-5000 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

- 5U 19 (23)" chassis accommodate up to 17 card modules
- All modules are hot-swappable
- Redundant AC, DC power and cooling fans
- Chassis cascade up to 6 with one IP management
- Temperature sensors constantly monitor internal environment
- LCD status indication with keypad control
- 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 220mm (W x D x H)
Weight: 9.5kg w/o P/S

Power Characteristics

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

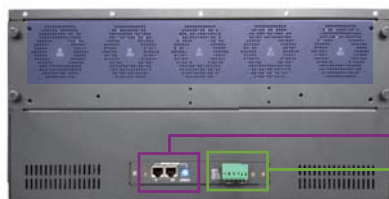
Environmental Specifications

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

Certification

FCC class A, VCCI class A, CE, RoHS

SigmaLinks 5000 Major Components



- Control Card with LCD menu operation
For power, temperature monitoring and local control
- AC Power Module Hot swappable 90~264VAC
- DC Power Module Hot swappable 18~74VDC
- Hot swappable Line Cards:
 - Transponder
 - Mux/Demux
 - Optical line Protection
 - Optical Add/Drop Mux (OADM)
 - SNMP
- Field replaceable Intelligent Fan
- 5RU 19" or 23" rack mountable Main Chassis
- Chassis cascade up to ID5
- Alarm relay

