

SigmaLinks5000

CWDM Rack Solution



Fiber Installation 가 Fiber 3
 Row Fiber 가 가 ,
 Bandwidth 가 Fiber
 Fiber 가 Bandwidth 가
 Wavelength Spectrum
 WDM CTC Union Coarse Wavelength
 Division Multiplexing(CWDM) CWDM
 Mux/Demux Unit

Wavelength Sigma Links 5000 가 WDM 1
 Sigma Links 5000 Optical Transport System Storage, Video, Voice Application Multiplex,
 Demultiplex, Sigma Links 5000 CWDM 17 Hot-swappable
 Module Slot 5U, 19 23 Transport Platform 가
 SNMP, Transponders, Mux/Demux, Optical Protection, Sigma Links 5000 DWDM,
 CATV, Optical Amplification Interface Sigma Links 5000 SNMP Management
 Sigma Links 5000
 PCB , End-user
 NMS(Network Management System) HP Openview CA Unicenter
 SNMP () MIB

- 가 5U , 19(23) , 17
- Dual Power Module , AC and/or DC, Cooling Fan
- Hot-swappable Module
- 2 Power Module Slot (6)
- SNMP Management
- Emission Compliance : FCC Part 15 Class A, CE Mark
- LED LCD
- Alarm Relay Contacts

Application Examples

- Multi Service
- Short-haul
- Linear & Point -to- Multipoint ADM Network
- Passive WDM Optical Solutions
-

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SNMP Management



RS-485

- Mux/Demux Card, Protection Card & Transponder Card, SNMP v1 Trap, MIB File Management
- 3 x 10/100m UTP Ports
- Telnet Access Control
- Real-Time Clock
- 가 TRTP SNMP F/W
- ()
- SNMP #0,

MUX/DEMUX Cards

MUX/DEMUX Client Side Wave Division Translation Combination . Line Side Wave Length Transponder



- : 4, 4+1, 8, 8+1
- Passive Model
- ITU CWDM Wavelengths
- (ITU-T G 694.2) Wavelength
- 4 1531/1551/1571/1591 nm
- 4+1 1531/1551/1571/1591 + 1311 nm
- 8 1471/1491/1511/1531/1551/1571/1591/1611 nm
- 8+1 1471/1491/1511/1531/1551/1571/1591/1611 + 1311 nm
- Optical Input/Output Monitoring Port
- Full Native Mode Performance
- Protocol Transparent,
- Optical Connector : LC Connector, SMF 9/125

Transponder Card



Transponder Card Line Client Wavelength Translation() , 4- MUX/
DEMUX 2 2- Transponder Transceiver

- : 1 (1.25G / 2.5G), 2 (1.25G / 2.5G)
- Optical Connector : SFP-LC Type(Line Side), SFP-LC Type(Client Side)
- Line Side Wavelength : 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611 nm
- Client Side Wavelength : 1310 / 1550 / 850 nm

Protection Card

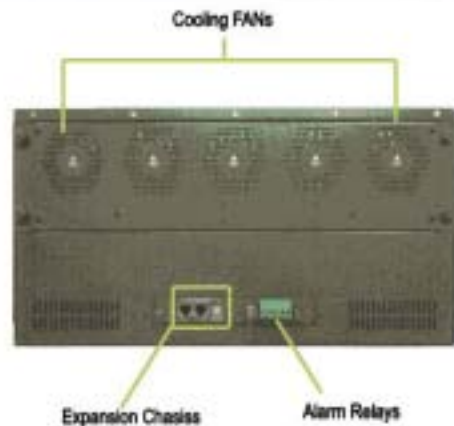
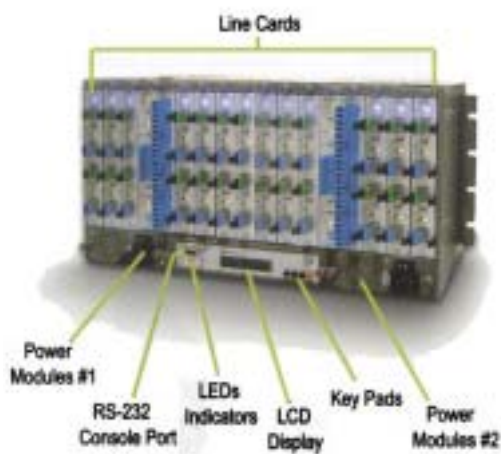
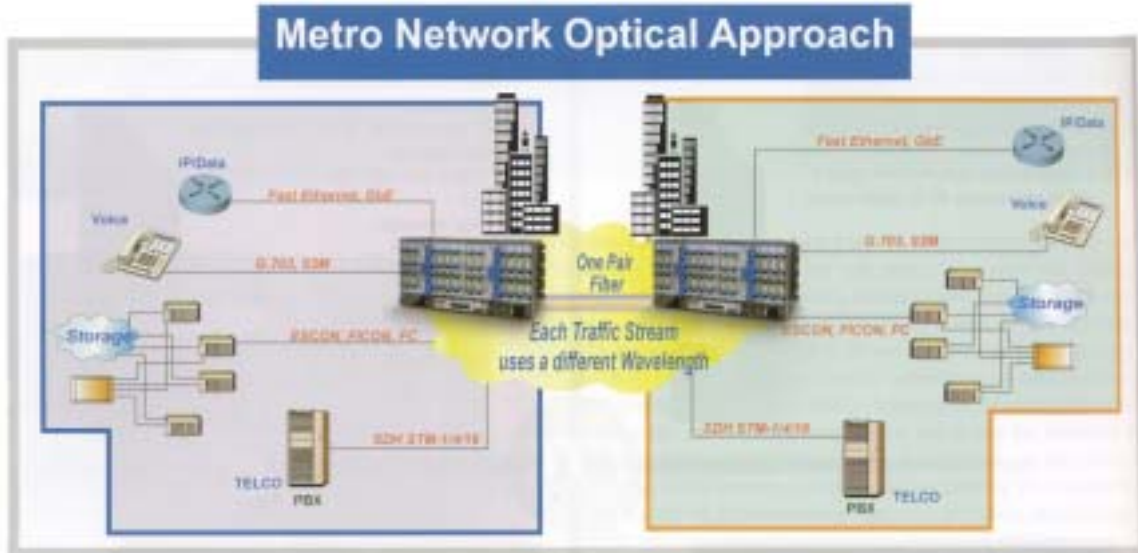
, Fiber Cable Fall Back Fiber Protection



- 1+1 Full Optic Protection
- Wide Operation Wavelength
- Insert Loss
- Crosstalk
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Application



Line Card Types



SML-50-XXXX-S Series
Stand Alone Model

SML-50-XXXX-L Series
Line Card Model

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Specification

General Specifications	
	0~50
	-20~70
	20~80%
	10~90%
	440mm x 247mm x 219.2mm (LxWxH)
	2kg(Line Card)

Power Module Specifications	
AC Power	Input : 90~264 VAC, 47~63Hz Output : DC12V, 8.5A
DC Power	Option#1 : Input : -18 ~ -56 VDC Output : DC 12V, 8.5A
	Option#2 : Input : -36 ~ -72 VDC Output : DC 12V, 8.5A
	72W
Emission	FCC Part 15 Class A, CE EN55022, EN60950

Ordering Information

Main Chassis

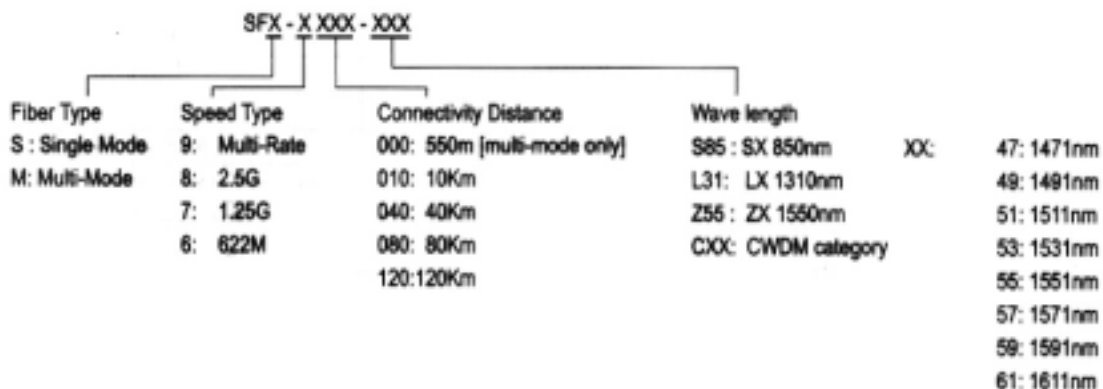
SML-50-9051-R	19" 5U Ract Mount Chassis
SML-50-9110-R	AC Power Supply (90~264 VAC, 47~63Hz, Output DC12V, 8.5A)
SML-50-9120-R	DC Power Supply (-18~-56 VDC, Output DC 12V, 8.5A)
SML-50-9121-R	DC Power Supply (-36~-72 VDC, Output DC 12V, 8.5A)
SML-50-9210-R	SNMP Card 100Base FX East Port, 100Base FX West Port, 3PORT 10/100Base TX, RJ-45, Auto-MDIX, DB9,DCE,115.2kbps

For WAN side, Line-Card Type Family

SML-50-8210-L	Optical Line Protection
SML-50-8140-L	4 Channel MUX/DEMUX Unit
SML-50-8141-L	4+1 Channel MUX/DEMUX Unit
SML-50-8180-L	8 Channel MUX/DEMUX Unit
SML-50-8181-L	8 +1 ChannelMUX/DEMUX Unit
SML-50-8011-L	1.25G 1 Channel Transponder
SML-50-8012-L	1.25G 2 Channel Transponder
SML-50-8021-L	2.5G 1 Channel Transponder
SML-50-8022-L	2.5G 2 Channel Transponder

For CPE side, Standalone Type Family

SML-50-8210-S	Optical Line Protection
SML-50-8140-S	4 Channel MUX/DEMUX Unit
SML-50-8141-S	4+1 Channel MUX/DEMUX Unit
SML-50-8180-S	8 Channel MUX/DEMUX Unit
SML-50-8181-S	8 +1 ChannelMUX/DEMUX Unit
SML-50-8011-S	1.25G 1 Channel Transponder
SML-50-8012-S	1.25G 2 Channel Transponder
SML-50-8021-S	2.5G 1 Channel Transponder
SML-50-8022-S	2.5G 2 Channel Transponder



Example

- SFS-7010-L31 Single Mode, 1.25Gbps, 10km, Wavelength LX 1310nm
- SFM-6000-S85 Multi-mode, 622Mbps, 550m, Wavelength SX 850nm