






RAISECOM

Raisecom CWDM Products

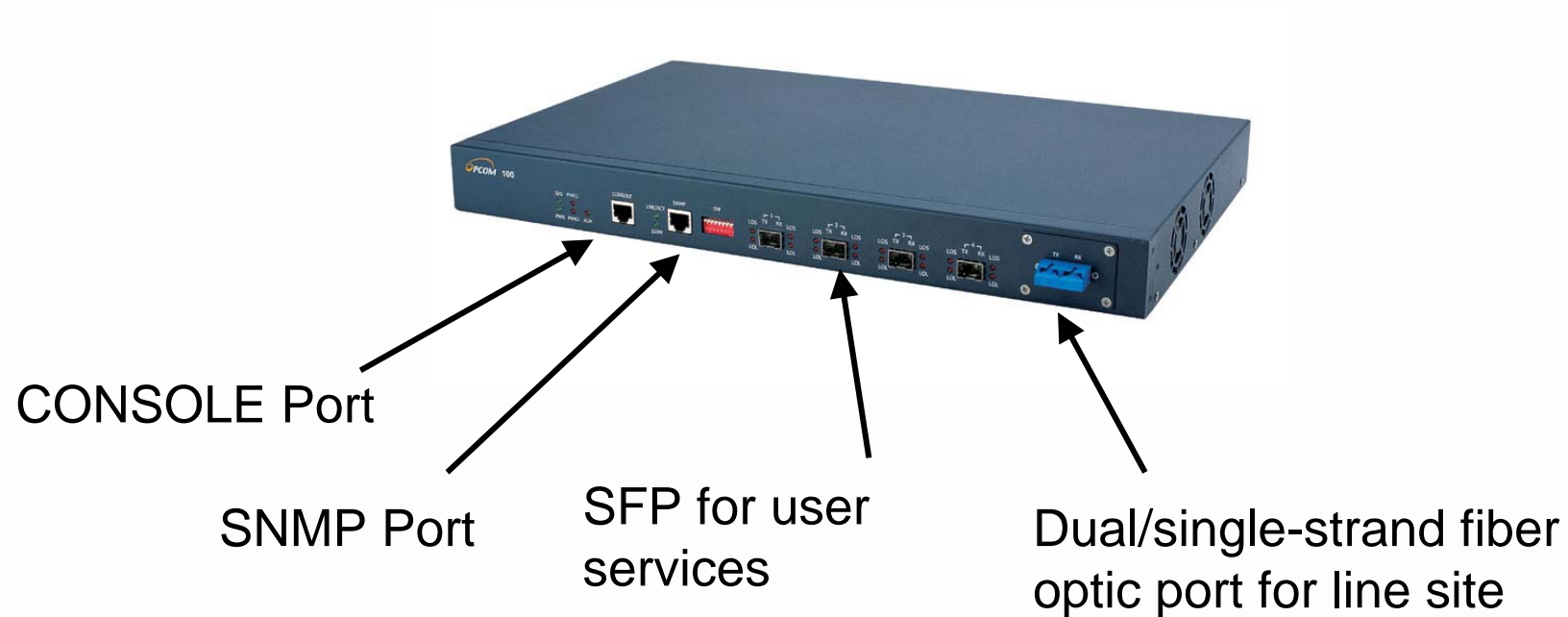
RAISECOM TECHNOLOGY CO.,LTD.

OPCOM100-2 series

	 OPCOM100-2	 OPCOM100-2S	 OPCOM100-2E
Working Wavelength	1310/1550	1310/1550	1310/1550 1491/1550
Channel capacity	2.5G or higher	2.5G or higher	2.5G or higher
Extension slot	Yes	No	Yes
Description	2 services over one pair fiber with extension slot for converters	Mini type for flexible outdoor installation (passive)	Enhanced type for a longer transmission distance with 1491nm as the transmitted wavelength

*The Extension slot is available All Raisecom Media Converter and Wavelength Converter

OPCOM100-4 Series



OPCOM100-4: 4 services over one fiber or one pair fiber

OPCOM100-4 Series

- 0~1.25Gbps per channel
- Line-in/Line-out Loop back
- SNMP, Telnet and CONSOLE management
- Redundant power supply for the most uptime

Raisecom CWDM Products

- OPCOM100-2 series: 2-Channel CWDM products
- OPCOM100-4 series: 4-Channel CWDM products
- **OPCOM200 series: 8-Channel CWDM products**



8-Channel CWDM device

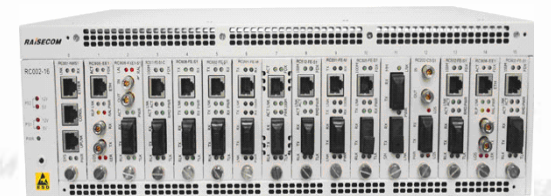
➤ 0~2.5Gbps per channel

➤ 8 services over one pair fiber

➤ Hybrid support other RC series media converters in RC002 16-slot chassis

➤ Hardened type for outdoor installation

➤ Pay as service grows



OPCOM200 series

Mux/De-mux

- Up to 8-channel Passive Multiplexer allows users to increase the capacity of existing fiber
- Remote OADM allows to add and drop wavelength flexibly
- Hardened Mux/De-mux and remote OADM can be installed under various outdoor conditions
- Mux/De-mux module can be managed via SNMP when working in RC002 chassis



OPCOM200-OMD8



OPCOM200-OAD1D



OPCOM200-OMD8S



OPCOM200-OMU4E

Optical Wavelength Converter

- SFP optical interface for flexible installation
- Line-in/ Line-out loop back
- SNMP manageable in RC002-16 chassis
- 3R function: Re-shaping, Re-amplification, and Re-timing

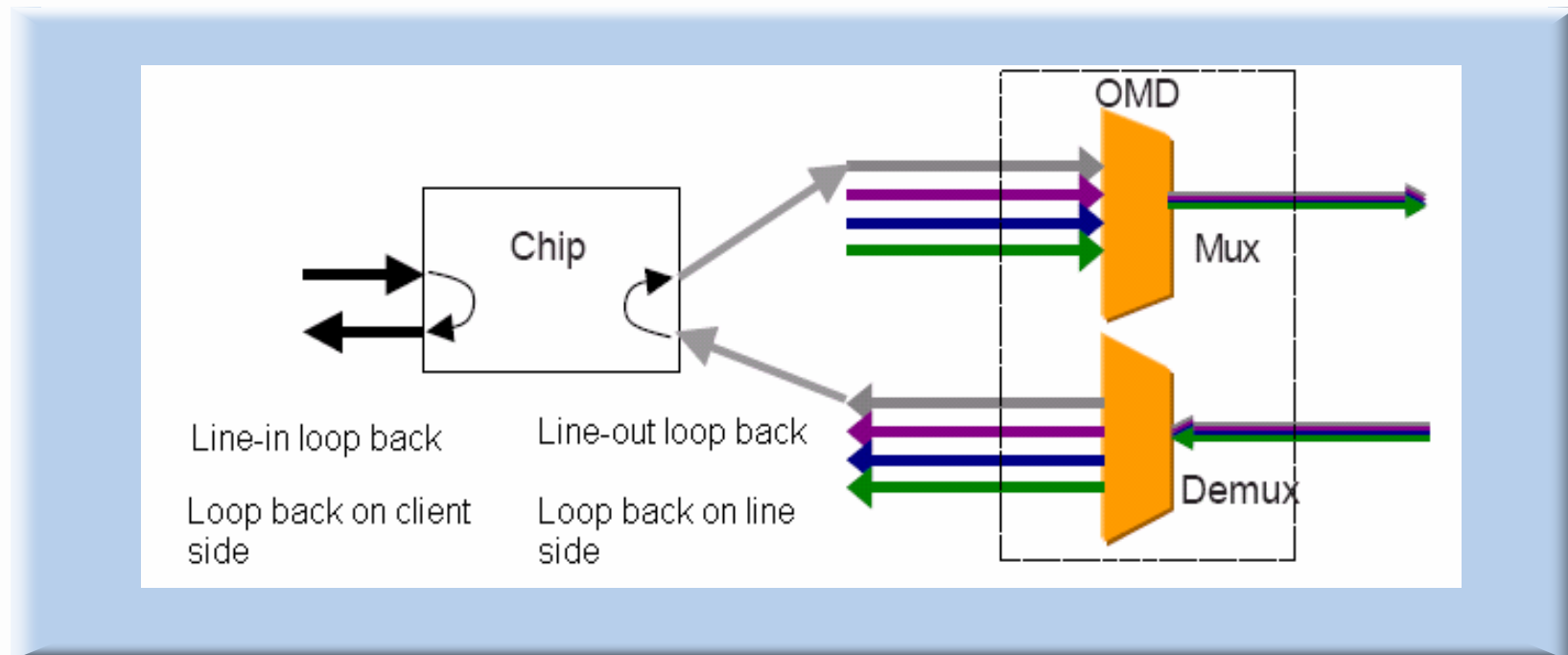


OPCOM200-OUT1-3R



SFP modules

Line-in/Line-out Loop back



Signal transmission path as bi-directional loop back

10/100M Ethernet to CWDM Wavelength Converter

➤ Baby jumbo frame up to 1916 bytes

➤ Fault-Pass-Through

➤ Rate limiting: $N \times 32k$

➤ Remote management greatly decreases the truck rolls and logistic costs



OPCOM200-FEU2



OPCOM200-FEU1 (SFP)

1000M Ethernet to CWDM Wavelength Converter

- Directly deliver Gigabit Ethernet service over CWDM wavelength



OPCOM200-GEU2

- Fault-Pass-Through

- SFP optical interface for flexible installation



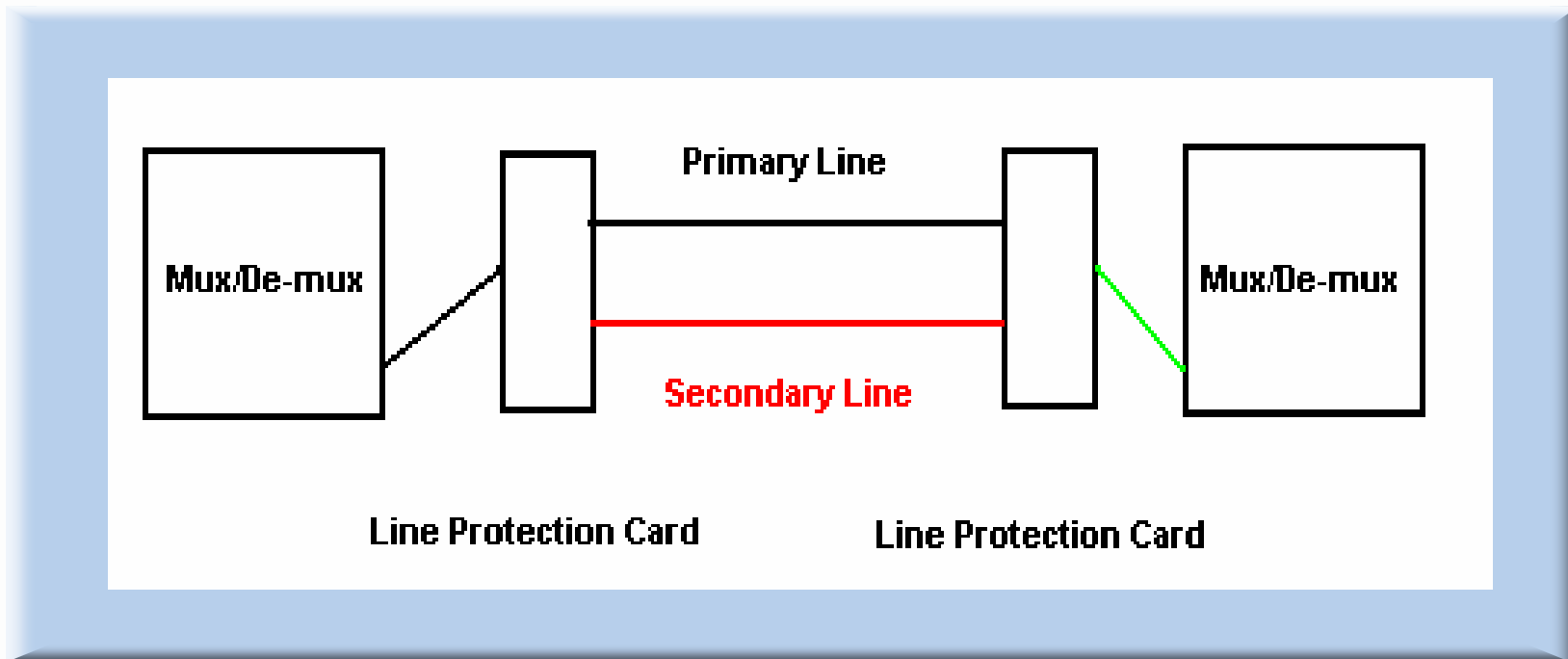
OPCOM200-GEU1 (SFP)

- Remote management greatly decreases the truck rolls and logistic costs

Optical Line Protection & Restoration

- 1+1 optical line protection and restoration
- Optimal surveillance of optic fiber status
- Automatic protection of all service channels
- Switching time: less than 50ms (25ms as typical value)

Optical Line Protection & Restoration

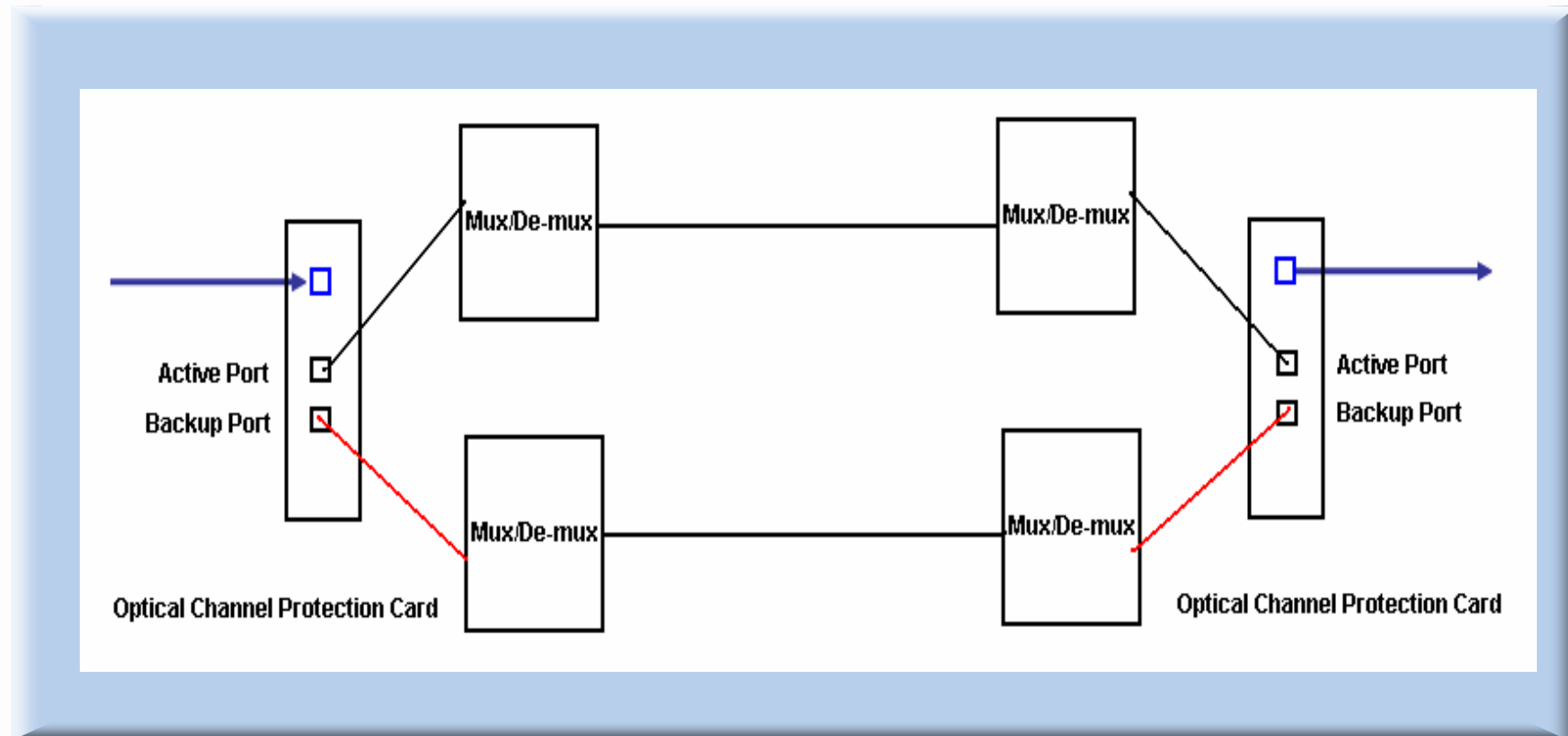


Automatically switching from Primary Line to Secondary Line to protect all the service channels

Optical Channel Protection

- 1+1 optical channel protection
- Optimal surveillance of optic channel status
- Automatic protection of the most important service channel
- Switching time: 10ms

Optical Channel Protection



Automatically switching from Active Port to Backup Port to protect the most important service channel