

OPCOM600-OLP-AE Optical Line Protection Card

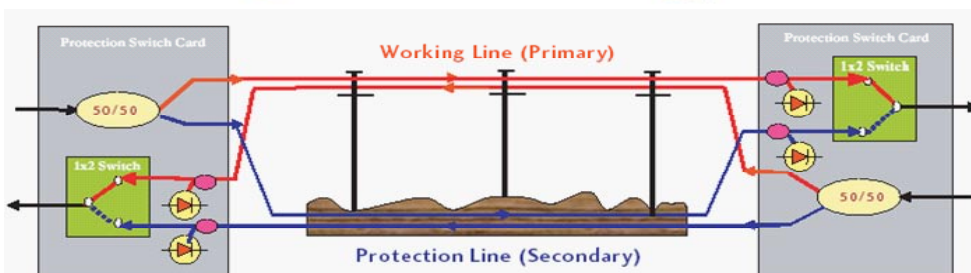
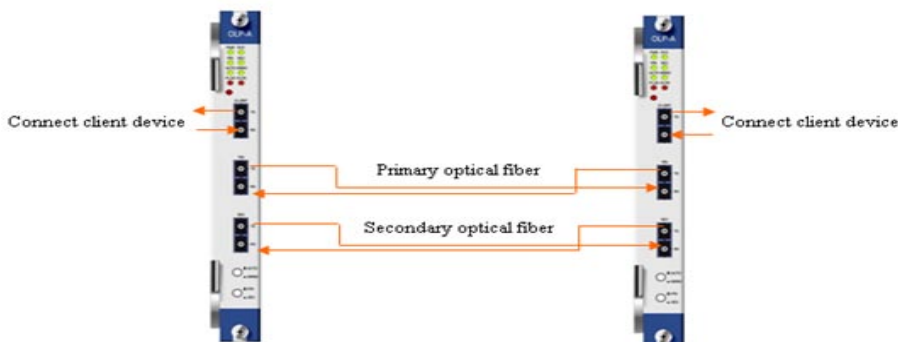
OPCOM600-OLP-AE is Raisecom optical line protection card for 1+1 automatic protection of transmission line site, enabling a higher availability and reliability for missioncritical networks. The transmit end module OPCOM600-OLP-AE splits the signal into two identical copies, and the data will be transmitted in two paths. The receiving end module selects the two signals according to their quality. In this case, if failure is detected in primary line, the optical line protection card will immediately

switchover to secondary line and the switchover time is 6~15ms. And from the customer line side, the Card can achieve the optical power monitoring function. Redundant links of transmission line site can greatly improve the reliability and maximize the uptime of the network, avoiding the interruption of high-speed optical connection which means avoiding a huge loss of money.

Feature

Protection	1+1 protection
Switching mode	support auto & forced switching mode, user can execute switching command for exercise, with switching mode control button on front panel alariming threshold (+10~-43dBm) and switching threshold (+10~-45dBm) on primary & secondary fiber can be set typical switching time is 6ms, maximum switching time 15ms
Delay function	auto-return delay time can be set in auto-return mode auto-switching delay time (0, 50, 100, 150, 200, 250ms) can be set in auto-switch mode
Status Lock	fiber link status will be kept before/after power on, and no switching action will be taken
Optical power monitoring	Real-time optical power monitoring on both primary & secondary fiber
Working wavelength	1460nm~1640nm and 1260nm~1360nm two wavelength range
Optical interface standby function	All the client/line/extending optical interfaces have standby function
Optical power monitoring function	achieve the function from the customer line side

Typical Application



OPCOM600-OLP-AE

Specification

Coupling Ratio	50%
Insertion	3.5dB(Typical)
Loss (include connector's)	4.0dB(Maximum)
Working Window	1460nm~1640nm 1260~1360nm
Dimension	240(H)*24.9(W)*225(D)mm
Optical Connector	SC/PC
Power Consumption	0.5W(Typical)
Operation Temperature	0~45 Celsius
Relative Humidity	5%~90%

Ordering Information

Datasheet

Part number	Description
OPCOM600-OLP-AE	1+1 optical line protection card, can be inserted in RC006 and OPCOM3500 chassis