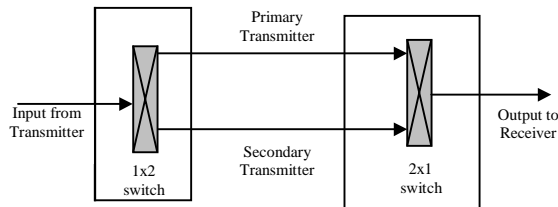


## LT3500 Protection Module

Protection Module is used to automatically switch inputs from a primary path to a secondary path if the primary path fails due to source or line failure. Signal loss sensitivity is offered over a broad range from -5 to -30 dBm. Passive design is independent of data rate or format. Field-tested, fully automatic switching with a preselected signal drop threshold assures long-term system reliability and signal continuity.



### Configurations



### Features

- Laser or fiber redundancy
- Automatic operation
- Broad band operation
- 10 ms switching speed
- Ultra Low optical connection loss
- SC, E2000 or FC connector type available
- Alarms via module panel and host control unit

### Applications

- Signal path protection for ATM, IP/CATV and DWDM systems
- Source or power equipment protection

### Specifications

Item	Unit	Specifications (Max.)
Insertion Loss <sup>1</sup>	dB	2.0
Return Loss	dB	> 45
Optical Sensitivity (available range)	dBm	-40 ~ -5
Switching Time on Signal Drop	ms	< 15
Control	--	Fully Automatic
Operating Temperature	°C	-5 ~ +55
Electrical Power	VDC	- 48
Status Communication Interface <sup>2</sup>	--	Local: LED Display Remote: Relay Contact SNMP
Module Housing Dimensions (H x W x L)	mm	102 x 29 x 129
Face Panel Dimensions	mm	129 x 29 x 2

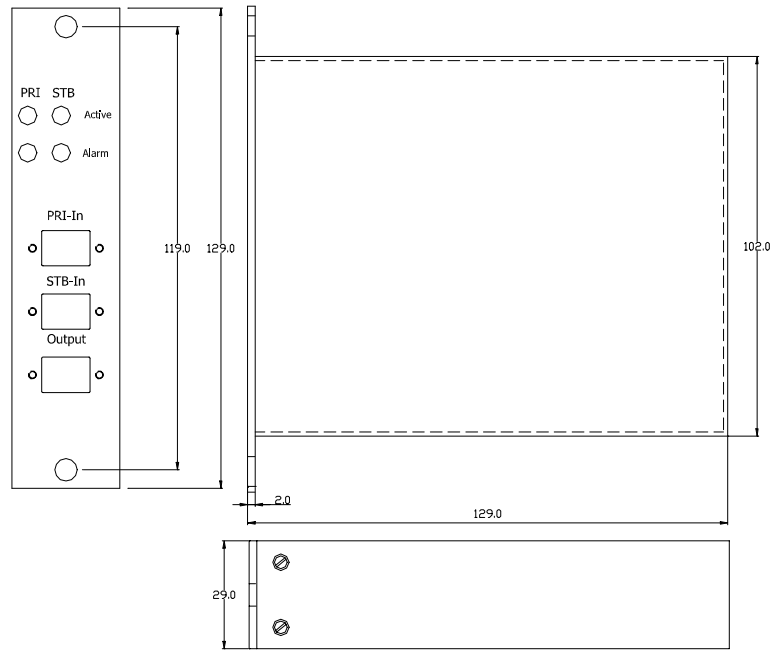
All specifications referenced at 1310 or 1550 nm with single mode fiber.  
(Other wavelengths available.)

Multi-mode configuration available upon request.

1. End-to-end system requires dual 1x2 switch configuration.
2. SNMP is optional.

# LT3500 Protection Module

## Dimensions:



## Ordering Information:

Example: PM5300-FCUCJ

