



For more information please contact:

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LIGHTech's 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 dBm to -30 dBm. Passive design is independent of data rate or format. Field-tested, fully automatic switching with a pre-selected signal drop threshold assures long-term system reliability and signal continuity.

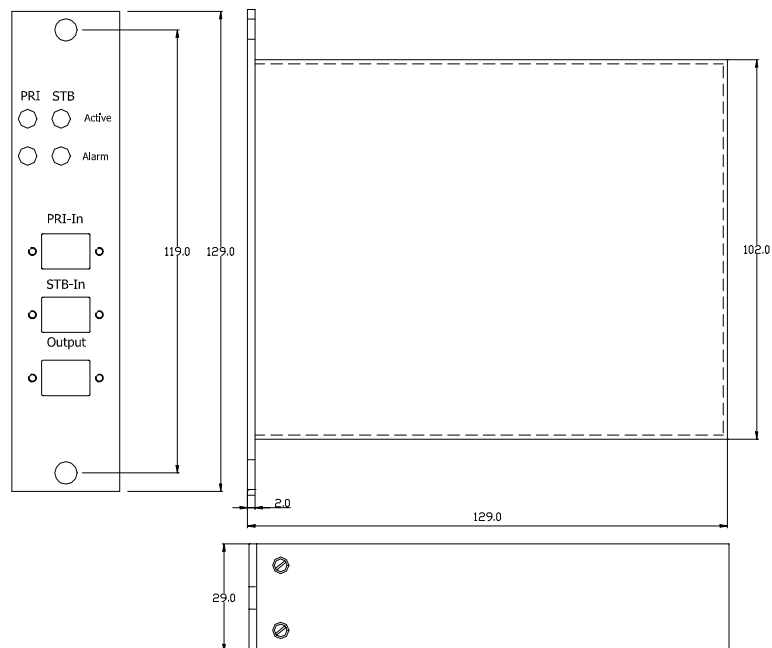
Features

- 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.

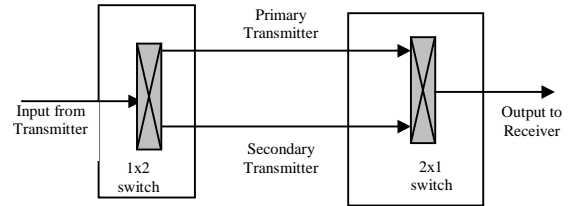
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Configurations:



Performance Specifications

LT3500 Series Protection Module

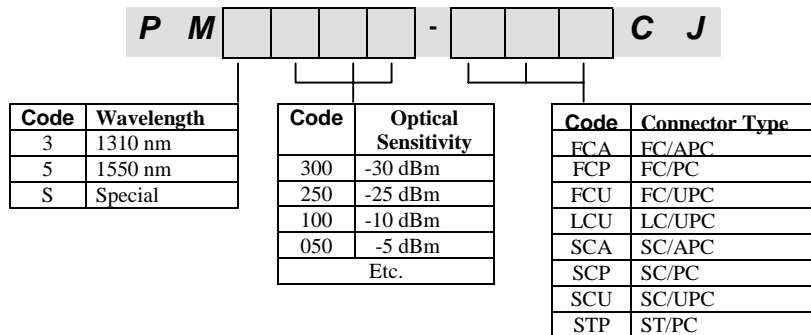
Performance Specifications	Max	
Insertion Loss ¹	2.0	dB
Return Loss	> 45	dB
Optical Sensitivity (available range)	-40 ~ -5	dBm
Switching Time on Signal Drop	< 15	ms
Control	Fully Automatic	--
Operating Temperature	-5 ~ +55	°C
Electrical Power	-48	VDC
Status Communication Interface ²	Local: LED Display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

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

Ordering Information:

Example: PM5300-FCUCJ



The information set forth in this document reflects our best knowledge at the time of issue. The document is subject to changes pursuant to new developments and findings, and a similar reservation applies to the properties of the products described. We undertake no liability for results obtained by usage of our products and information.