

Product Overview

Line protection



Description

The MICROSENS Line protection module is an optical switch module for the MSP3000 Platform that provides for a 1+1 (50 ms) or "Optical UPSR/SNCP" protection capability either at the WDM line level or card level. The Line protection cards are used in pairs, one at each end of the optical signal to be protected. At the head end of the signal to be protected, the module provides a "Bridge" capability. It accepts an input signal and replicates that signal across two fiber outputs, providing an exact copy. On the other end of the signal to be protected, the card provides a "Select" capability. It receives the two outputs generated by the "Bridge" end card and "Selects" the one that is not currently in a loss of signal state. If neither is in a loss of signal state, the signal selected is dependent on the mode the protection card is programmed for. This means of protection is what is commonly referred to as a "Head end bridge and tail end select."

Properties

- Card level and line level protection 50 ms Switch Times
- Support for revertive, non-revertive, or manual switching modes
- Digital Diagnostic Monitoring and management via NMP or Craft Interface (Web)
- Remote management through telnet or SSH

Order Information

Description

Article Number

Line Protection Module, Local: 1x LC duplex, Line 1&2: 2x LC duplex, 1310nm or 1550nm **MS43098 1M**

Dual Optical protection switching module for 1+1 fiber protection, 1310nm or 1550nm **MS43098 2M**
Client

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