

SM-2701FB (Fiber Link Protector Card with Optical Bypass) Network Protection Chassis

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OTHER CARDS AVAILABLE:

Model #: SM-2701C
Description: Advanced Copper Card

Model #: SM-2701F
Description: Fiber Card

Model #: SM-2701CS
Description: Standard Copper Card

Model #: SM-2701CF
Description: Copper to Fiber Card

Model #: SM-2701IO
Description: Contact Closure Card

Model #: SM-2701S
Description: RS-530 Serial Card

Model #: SM-2701RF
Description: RF Coaxial Card

Model #: SM-2701F10G
Description: 10G Fiber Card

Model #: SM-2801C
Description: Copper Bypass Card

Model #: SM-2801F
Description: Copper or
Fiber GBIC Optical Bypass Card

Model #: SM-2801F10G
Description: Fiber Optical Bypass
Card



PRODUCT DESCRIPTION:

Each SM-2701FB copper/fiber port card provides two LC style duplex connectors intended for connection to a primary and backup connections and one protected RJ-45 copper Ethernet port. Single mode versions are available by special order.

All fiber ports are wired with transmit below the receive connector.

The SM-2701FB detects link activity and an alarm is generated if any link fails. If the primary link is lost, the NPS will automatically switch to the backup link. By default, the switch is completed within 100 milliseconds after link problem is detected.

Once the primary link is restored, the server port will revert to the primary link automatically. The link may also be forced to switch to the backup port manually.

Fully RoHS Compliant
Weight: 8.1 oz

KEY BENEFITS:

- ◆ Auto Switch to Backup on Loss of Connectivity
- ◆ Auto Switch to Primary on Restoration of Connectivity
- ◆ Default Connection to Primary Link on Loss of Power via "Straight through Wire"® Technology
- ◆ "Packet Spy" allows Switching to Backup on Loss of Traffic Flow
- ◆ External Watchdog trigger via SNMP
- ◆ Capability to Force Port to Backup Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ Fiber Physical Layer - 1000SX

FIRMWARE FEATURES:

Corporate System (Base):	Enterprise System:
"Straight through Wire"® Technology allows Zero Power Connectivity	All Corporate System Features
Normal Mode- Port Acts Independently	Mirror Mode - Cards Provide Dual Output
Group Mode- Ports Act as a Group	Slave Mode (Port)
Latch Mode- Stays in the Backup/Bypass state until Manual Restored	Slave Mode (Group)
Enhanced Latch Mode- Latch is Automatically Released on Failure of Backup Link (Link Protection Only)	Fast Switchover via MAC Address (Link Protection Only)
Reverse Mode- Reversed Logic (Backup Ports are Default)	Total and Any Group Switch Modes
Packet Spy- Backup Switchover Triggered by Lack of Packets on Active Link	External Watchdog Scripting
CRC Error Reporting	

