

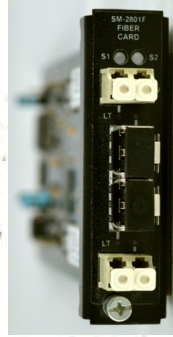
AVAILABLE PORT CARDS:

- SM-2701C: Advanced 1G Copper
- SM-2701F: Advanced 1G Fiber
- SM-2701CF: Adv 1G Copper=>Fiber
- SM-2701CS: Standard Copper
- SM-2701FC: Adv Fiber=>Copper
- SM-2701FE: Advanced 100BaseX
- SM-2701IO: Contact Closure
- SM-2701S: Advanced RS-530 Serial
- SM-2701RF: RF Coaxial
- SM-2701RS: Adv RS-232 Async
- SM-2701F10G: 1/10G Fiber
- SM-2801C: Adv Copper Bypass
- SM-2801F: Adv Fiber SFP Bypass
- SM-2801F10G: 1/10G Fiber Bypass

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PRODUCT DESCRIPTION:

Each SM-2801F fiber card provides 2 1000BaseSX (LX or ZX by special order) and 2 1000Mb SFP (Small Form Factor Pluggable) slots. SFP slots can be used with supported SFP modules to provide SX, LX, or Copper 1000Mbit appliance interfaces.

In the normal (healthy) Online state, the SM-2801F connects the Switch (SW) and Appliance 2 (A2) interfaces and, at the same time, connects the Router (RT) and Appliance 1 (A1) interfaces. In the event of an appliance failure, the SM-2801F connects the SW and RT interfaces together while the A1 and A2 interfaces are disconnected thereby insuring overall end-to-end

KEY BENEFITS:

- ◆ Auto Switch to Bypass on Loss of Connectivity and/or Appliance function
- ◆ Auto Switch to Online on Restoration of Connectivity and/or Appliance function
- ◆ Default Connection between SW and RT ports on Loss of Power via *Straight through Wire*[®] Technology (via optional optical bypass switch module)
- ◆ *Packet Spy*[™] allows switching to Bypass on Loss of Traffic Flow through a failing appliance
- ◆ External Watchdog trigger via SNMP
- ◆ Capability to Force Port to Bypass Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ 1:3 Span Port Replication
- ◆ Switch/Router Physical Layer – SX, LX, ZX fiber. Appliance ports: any SFP 1G module

FIRMWARE FEATURES:

Corporate System (Base):	Enterprise System:
<i>Straight through Wire</i> [®] Technology allows Zero Power Connectivity	All Corporate System Features
Normal Mode- Port Acts Independently	Span Port Mirroring
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	Fast End-to-End Switchover via Patented MAC Address Spoofing
Reverse Mode- Reversed Logic (Backup Ports are Default)	Total and Any Group Switch Modes
<i>Packet Spy</i> [™] - Backup Switchover Triggered by Lack of Packets on Active Link	External Watchdog Scripting
CRC Error Reporting	Turbo High Speed switching

