

SM-2801F (Copper or Fiber GBIC Optical Bypass Card) 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-2701FB
Description: Fiber Card
with Optical Bypass

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

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

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

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



PRODUCT DESCRIPTION:

Each SM-2801F fiber card provides 2 1000BaseSX (or 2 1000BaseLX 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. Currently Shore supports only Avago SFP plugin modules.

In the Online (default) state, the SM-2801F connects the Switch (SW) and Appliance 2 (A2) interfaces to each other. At the same time, the Router (RT) and Appliance 1 (A1) interfaces are connected each other. In the Bypass state, the SM-2801F connects the SW and RT interfaces together while the A1 and A2 interfaces are disconnected.

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 (with optional optical bypass for fiber cards)
- ◆ "Packet Spy" allows Switching to Bypass on Loss of Traffic Flow
- ◆ External Watchdog trigger via SNMP
- ◆ Capability to Force Port to Backup Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ Copper Physical Layer – 10/100/1000Mb
- ◆ Fiber Physical Layer - 1000SX
- ◆ Span Port Replication

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 (Link Protection - Cards Provide Dual Output; Bypass - Cards Provide TAP Function)
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)	Multiple Unit Operation (Super Group)
Reverse Mode- Reversed Logic (Bypass/Backup Ports are Default)	Total Group Switch
Packet Spy- Backup /Bypass Switchover Triggered by Lack of Packets on Active Link	External Watchdog Scripting
CRC Error Reporting	Packet Spy Plus- Connectivity Through Appliance Verified by Probe Packets (Bypass Only)
	Fast Switchover via MAC Address (Link Protection Only)

