

### 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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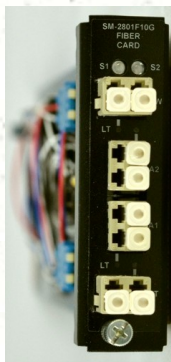
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## PRODUCT DESCRIPTION:

Each SM-2801F10G fiber card provides 4 10GBase-SR (or 4 10GBase-LR by special order) Ethernet interfaces providing power loss fail-safe appliance bypass functionality.

In the normal (healthy) Online state, the SM-2801F10G 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-2801F10G connects the SW and RT interfaces together while the A1 and A2 interfaces are disconnected thereby insuring overall end-to-end connectivity.

## KEY BENEFITS:

- ◆ Auto Switch to Bypass on Appliance Link Failure
- ◆ Auto Switch to Online Mode on Restoration of Appliance Link Signal
- ◆ Default Connection between Switch and Router Interfaces on Loss of Power via *Straight through Wire*® Technology
- ◆ 100% Optical Data Path for Unsurpassed Reliability
- ◆ External Watchdog Triggered Switch to Bypass via SNMP
- ◆ Capability to Force Port to Bypass Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ Fiber Physical Layer - 10GBase-SR (10GBase-LR & ZR Optional)
- ◆ Also Supports 1000BaseF (1GB) Fiber

## 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	Slave Mode (Port)
Group Mode- Ports Act as a Group	Slave Mode (Group)
Latch Mode- Stays in the Backup state until Manually Restored	Total and Any Group Switch Modes
Enhanced Latch Mode- Latch is Automatically Released on Failure of Backup Link (Link Protection Only)	External Watchdog Scripting
Reverse Mode- Reversed Logic (Backup Ports are Default)	

