

SM-2801F10G (Fiber Optical Bypass Card) Network Protection Chassis

Standards:
IEEE 802.3 10GBaseF
Compliant, Fully RoHS
Compliant

Connectors:
Four LC Connectors:
One Router, Two Server (Appliance),
One Switch,

Telephone:
732-870-0800

Toll Free:
1-800-600-9656

Fax:
732-870-1912

Postal Address:
45 Memorial Parkway
Long Branch, New Jersey 07740
United States of America

Support:
support@shoremicro.com

Information:
info@shoremicro.com

Sales:
sales@shoremicro.com

OTHER CARDS AVAILABLE:

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

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

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



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 Online Mode (default), the SM-2801F10G connects the Switch (SW) and Appliance 2 (A2) interfaces to each other. Simultaneously, the Router (RT) and Appliance 1 (A1) interfaces are also connected to each other. In the Bypass state, the SM-2801F10G connects the SW and RT interfaces together while the A1 and A2 interfaces are disconnected.

Fully RoHS Compliant
Weight: 8.3 oz

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)

FIRMWARE FEATURES:

Corporate System (Base):	Enterprise System:
"Straight through Wire"® Technology provides Zero Power Connectivity	All Corporate System Features
Normal Mode- Port Acts Independently	Total and Any Group Switch Modes
Group Mode- Ports Act as a Group	Slave Mode (Port)
Latch Mode- Stays in the Bypass State until Manually Restored	Slave Mode (Group)
Reverse Mode- Reversed Logic (Bypass Ports are Default)	External Watchdog Scripting

