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Specifications:

- IEEE 802.3 10/100 Copper Ethernet
- 9600 8N1 RS232 Control
- 3.5mm Alarm Jack
- UL 12V, 0.5A DC Power
- ROHS
- CE
- Wall Mount Capable
- 1.5 lbs

**PRODUCT DESCRIPTION:**

The SM-2501CA Advanced Copper Link Protector provides a standalone programmable automatic link backup capability to "mission-critical" 100BaseTX or 10BaseT Ethernet links. The device protects vital connections to servers, routers, and other key devices that require fail-safe operation. The SM-2501CA operates by monitoring "primary" and "backup" links and, in the event of a failure, automatically switching to the operational link. The unit shares many advanced features of the high end SM-2701FE Copper card for the NPC-2/12 systems including maintaining all links in the "UP" state for extremely fast switching to the Backup port. The SM-2501CA also contains advanced traffic-failure switching triggers that allow it to respond to a broad range of "absence of packets" failure conditions. The SM-2501CA can also be purchased with an optional 4-port appliance backup capability.

KEY BENEFITS:

- ◆ Auto Switch to Backup within 15ms on Loss of Connectivity
- ◆ Auto Switch to Primary on Restoration of Connectivity
- ◆ Ability to Automatically switch to Backup on Absence of Traffic
- ◆ External Watchdog trigger via Serial port
- ◆ Capability to Force Port to Backup Condition
- ◆ Enable/Disable of Automatic Switching (Manual Override)
- ◆ Copper Physical Layer (10/100Mbps)

SYSTEM FEATURES:

- ◆ *Straight through Wire*[®] Technology allows Zero Power Connectivity
- ◆ Dual Power Inputs for Increased Reliability
- ◆ Normal Mode automatically switches to Backup on Primary Link Failure
- ◆ Latch Mode stays in Backup State until Manually Restored
- ◆ Enhanced Latch Mode releases latch on Backup Failure
- ◆ External Alarm Interface
- ◆ Manual Control via Button Interface
- ◆ Optional 4 Port Appliance Bypass Mode using AUX RJ45 Port
- ◆ System Options saved on Non-Volatile EEPROM Memory

