

# 48-port 10/100BASE-TX Plus (2) Gigabit Ports

## (48) 10/100BASE-TX switch plus (2) Gigabit ports

- ▶ Automatic MDI/MDIX
- ▶ Wire Speed Performance
- ▶ Auto-Negotiation for Speed and Duplex
- ▶ Store and Forward Architecture
- ▶ Ruggedized metal chassis with internal power supply
- ▶ Front panel LED status indicators
- ▶ 19" Rack Mount Design

The MIL-S4800 Ethernet Switch has forty-eight 10/100 BASE-TX ports and 1 10/100/1000 RJ-45 port and 1 Gigabit SFP port with low latency and error-free performance provided via an advanced store-and-forward architecture. Other features include:

### Automatic MDI / MDIX

Cable detection and correction is automatic as the switch adjusts for straight-through or crossover cables during installation—no uplink port necessary.

### High-performance Switching

Non-blocking architecture assures rapid packet delivery and the extensive 8,000 MAC address table and memory buffering provide swift lookup and packet forwarding.

### Full Duplex Operation

Bandwidth for each port is effectively doubled, increasing the speed of a 100Mbps port to 200Mbps.

### Flow Control

Enhances packet transmission by full-duplex flow control and half-duplex back pressure, providing congestion control on busy ports.

### Rugged Chassis

Sturdy metal enclosure with internal power supply.

### Straight Forward Diagnostics

Perpetual port status provided via LEDs to simplify troubleshooting.

### Standards

Conforms to IEEE 802.3, 802.3u, 802.3ab, 802.3z and 802.3x standards.

## MIL-S4800



## Ordering Info

### MIL-S4800

48-port 10/100BASE-TX switch  
Plus (2) Gigabit ports

## Specifications

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z Gigabit Fiber IEEE 802.3x Flow control and Back Pressure
Connector	100BASE-T: 48 x RJ-45 Gigabit copper: 1 x RJ-45 SFP: 1 x SFP socket
Switch Architecture	Store and forward switch architecture. Back-plane up to 20Gbps
Address Support	8K MAC address table with auto learning function
Packet Buffer	6Mbits
System LEDs	System power (Green) 10/100TX port: Link/Activity (Green) Gigabit copper port: Link/Activity (Green), Speed (Yellow) SFP: Link/Activity (Green)
Power	AC 100-240V, 50/60Hz, 0.26A
Power Consumption	22 Watts (Maximum)
Ventilation	1 Fan
Operating Temperature	0 to 45°C ( 32°F to 113°F )
Storage Temperature	-40°C to 70°C ( -40°F to 158°F )
Operating Humidity	5% to 95% ( non-condensing)
Storage Humidity	95%

Dimensions	Width: 17.32" [440 mm] Depth: 8.86" [225 mm] Height: 1.75" [44 mm]
Chassis	Metal
EMI	FCC Class A, CE
Safety	UL, cUL, CE/EN60950



Transition Networks, Inc.  
6475 City West Parkway  
Minneapolis, MN 55344 USA  
tel 952.941.7600  
or 800.526.9267  
fax 952.941.2322  
info@transition.com  
http://www.transition.com

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