

Product Specifications

8-Port 100 SFP or 8-Port 1000 SFP Compact Unmanaged Fiber Switches



KEY FEATURES

- 8 100Base or 8 1000Base SFP ports supported, plus one dual media 10/100/1000 or 1000Base SFP port
- Auto send data control on the Dual Media 10/100/1000 BaseT/TX port
- Store and forward 1000 Mbps non-blocking switch matrix
- Broadcast storm protection
- Network status LED indicators
- 12 V DC 2 Amp external power supply included
- Extended operating temperature ranges 14°F to 140°F (-10°C to 60°C)
- High-strength, rugged metal case, desktop form factor with wall mount kit

The Signamax 8-Port 100 SFP & the 8-Port 1000SFP Compact Unmanaged Fiber Switches have been developed to operate in applications that require fiber interconnection within a compact size. This series offers eight 100Base SFP ports or eight 1000Base SFP ports and both options have one Dual Media 10/100/1000BaseT/TX port.

As an unmanaged switch, these models does not require complex user setup. The small size of these desktop mounted switches (wall-mounting brackets are also included) makes them an affordable, space-saving solution for fiber optic extension in both small and enterprise level applications.

ORDERING INFORMATION

PART NO.	DESCRIPTION
065-7310SFP	8-Port 100Base SFP Unmanaged Switch plus 1-10/100/1000BaseT/TX Dual Media Port
065-7310GSFP	8-Port 1000Base SFP Unmanaged Switch plus 1-10/100/1000BaseT/TX Dual Media Port

SPECIFICATIONS

Applicable Standards

IEEE802.3 10BaseT
 IEEE802.3u 100BaseTX/FX
 IEEE802.3u 100BaseBX
 IEEE 802.3z 1000BaseSX/LX
 IEEE 802.3ab 1000BaseT
 IEEE802.3x Flow Control

Ports

P/N 065-7310SFP:
 8- 100Base SFP ports, plus 1 - 10/100/1000 Auto-Negotiation, Auto-MDI/MDIX Dual Media port with 1000Base SFP port.

P/N 065-7310GSFP:
 8- 1000Base SFP ports, plus 1 - 10/100/1000 Auto-Negotiation, Auto-MDI/MDIX Dual Media port with 1000Base SFP port.
 See page D1 – D5 for SFP ordering information.

LED Status Indicators

Per Switch: Power (Green)
Per Port: Link/Activity (Green)

Electrical Characteristics

Input Requirements: 12 V DC, 2 Amp external power supply included. Maximum power consumption: 10 Watts.

Performance

Latency: < 5.1 μ s
MTBF: 100,000 hours.
Throughput, per port: 14,880 pps for 10 Mbps, 148,800 pps for 100 Mbps, 1,488,100 pps for 1000 Mbps
Switch Fabric Speed: 10 Gbps (non-blocking, wire speed performance)
MAC Address Capacity: 1K

Environmental Requirements

Operating Temperature: 14°F to 140°F (-10°C to 60°C)
Storage Temperature: -40°F to 176°F (-40°C to 80°C)
Operating Humidity: 5 to 90% (non-condensing)

Physical Characteristics

Dimensions: 7.56" W x 4.72" D x 1.10" H (192 mm x 120 mm x 28 mm); **Housing:** Metal case
Weight: 1.44 lb (0.65 kg.)

Certifications

CE, FCC, ROHS

Warranty

Five Years (Including power supply)