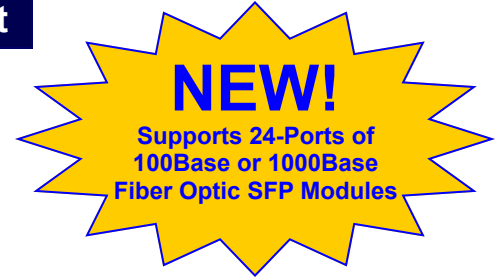


10/100/1000 Modular “Pick-a-Port” Switch with Management & 100/1000Base SFP Module Support

SG71090



Product Features:

- Modular design for configuration flexibility
- 10/100/1000Base Copper Ports
- Supports 100Base & 1000Base Fiber Optic SFP Modules
- In-band Web-based management interface
- SNMP, Telnet, Web-based, Console management
- Supports port-based and 802.1Q Tag-based VLAN
- Supports 802.1x port-based authentication
- Supports flow control for full-duplex operation
- Supports back-pressure for half-duplex operation
- Supports port ingress and egress rate control function
- Supports 802.1D Spanning Tree Protocol
- Supports RMON agent
- Supports multicasting through IGMP Snooping
- Supports port-trunking and load sharing for high bandwidth
- Supports static and dynamic MAC address limit function
- Supports flood control
- Supports wire speed store-and-forward switching
- Supports port-mirroring function
- Available for AC or DC Power



Technical Specifications:

Standards:	IEEE 802.3, 802.3ab, 802.3x, 802.3z, 802.1D, 802.1Q, 802.1w, 802.1x
Module Slots:	(3) 8-Ports Each
Module Solutions:	8-Port 10/100/1000Base Copper 8-Port 100Base Fiber, Multi-Mode with Duplex SC Connectors 8-Port 100Base Fiber, Multi-Mode with Duplex ST Connectors 8-Port 100Base Fiber, Single-Mode with Duplex SC Connectors 8-Port 100Base Fiber, Single-Mode, Single-Fiber with Simplex SC Connectors 8-Port 100/1000Base Fiber Optic SFP Slots (SFP Modules with LC Connectors) 8-Port with (4) 10/100/1000Base Copper & (4) 100/1000Base Fiber Optic SFP Slots 8-Port with (2) 10/100/1000Base Copper & (6) 100Base Fiber (Multi-Mode or Single-Mode)
Copper Ports:	Shielded RJ-45, 10/100/1000Base, Auto-Negotiation, Auto-MDI/MDIX
SFP Slots:	Support 100Base or 1000Base Fiber Optic SFP Modules (Sold Separately—See Page 4)
100Base Fiber Ports:	Support Multi-Mode with SC or ST, or Single-Mode with SC (Duplex or Bi-Directional Simplex)
Network Cables:	10/100/1000Base Copper: Cat5 or higher up to 100 Meters 100Base Fiber: 50/125 μ or 62.5/125 μ Multi-Mode Fiber, 9/125 μ Single-Mode Fiber 1000Base Fiber: 100Base Fiber: 50/125 μ or 62.5/125 μ Multi-Mode Fiber, 9/125 μ Single-Mode Fiber
MAC Addresses:	Table with 8K Entries
LED Indicators:	Per Unit: Power, Management Per Port: Speed/Link/Activity Status

10/100/1000 Modular “Pick-a-Port” Switch with Management & 100/1000Base SFP Module Support

SG71090

Technical Specifications Cont.:

AC Power Input:	Operating Voltage Range: +100 ~ 240VAC IEC320 Receptacle
DC Power Input:	Operating Voltage Range: +40 ~ 72VDC Screw Terminal Block
Power Consumption:	40W max.
Housing:	Enclosed Metal with Fan
Dimensions:	17.44 x 9.65 x 1.69 Inches (W x D x H) (443 x 245 x 43 mm)
Mounting Support:	19" Rack Mountable, Shelf/Desktop Mountable
Environment:	Operating Temperature: -5° C ~ 50° C Storage Temperature: -25° C ~ 85° C Relative Humidity: 10% ~ 90% non-condensing
Approval:	FCC Class A, CE Mark Class A, IEC60950-1 Safety

Model Numbers:

Model	# of Ports	Speed	Media/Connector	Distance
SG71090	3-Slot Switch Chassis	-	-	-
8-Port Copper or 100Base Fiber				
SG71890	8 Copper	10/100/1000Mbps	Copper/RJ-45	100m
SG71893	8 Duplex Fiber	100Mbps	MM/ST Fiber	2 km
SG71894	8 Duplex Fiber	100Mbps	MM/SC Fiber	2 km
SG71895	8 Duplex Fiber	100Mbps	SM/SC Fiber	20 km
8-Port Copper + 100Base Fiber				
SG71893-26	2 Copper & 6 Duplex Fiber	10/100/1000Mbps Copper & 100Mbps Fiber	Copper/RJ-45 & MM/ST Fiber	100m/2 km
SG71894-26	2 Copper & 6 Duplex Fiber	10/100/1000Mbps Copper & 100Mbps Fiber	Copper/RJ-45 & MM/SC Fiber	100m/2 km
SG71895-26	2 Copper & 6 Duplex Fiber	10/100/1000Mbps Copper & 100Mbps Fiber	Copper/RJ-45 & SM/SC Fiber	100m/20 km
8-Port SFP Technology				
SG71896	8 Fiber SFP Slots	100/1000Mbps	MM/LC or SM/LC Fiber	Varies
SG71896-44	4 Copper & 4 Fiber SFP Slots	10/100/1000Mbps Copper & 100/1000Mbps Fiber	Copper/RJ-45 & MM/LC, SM/LC Fiber	100m/Varies
8-Port 100Base Single-Fiber Technology				
SG71895-SF	8 Simplex Fiber	100Mbps	SM/SC Fiber	20 km
SG71895-26SF	2 Copper & 6 Simplex Fiber	10/100/1000Mbps Copper & 100Mbps Fiber	Copper/RJ-45 & SM/SC Fiber	100m/20 km

10/100/1000 Modular “Pick-a-Port” Switch with Management & 100/1000Base SFP Module Support

SG71090

Sample Configurations:



(3) 8-Port Fiber Modules - 100Base Fiber



(2) 8-Port Fiber Modules - 100Base Fiber
(1) 8-Port Copper/Fiber Module - (2-Ports) 10/100/1000Base Copper & (6-Ports) 100Base Fiber



(3) 8-Port Fiber Modules - 100/1000Base Fiber



(2) 8-Port Fiber Modules - 100/1000Base Fiber
(1) 8-Port Copper Module - 10/100/1000Base Copper

10/100/1000 Modular “Pick-a-Port” Switch with Management & 100/1000Base SFP Module Support

SG71090

Available SFP Modules:

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
FEMM	100	850nm	MMF	2km	LC	-10 ~ -4	< -24	0 to 70° C
FE2MM	100	1310nm	MMF	2km	LC	-20 ~ -4	< -31	0 to 70° C
FE10SM	100	1310nm	SMF	10km	LC	-15 ~ -8	< -34	0 to 70° C
GBMM	1000	850nm	MMF	220m(62.5μ) / 550m(50μ)	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1000	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1000	1310nm	MMF / SMF	550m (MM) / 10km (SM)	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1000	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1000	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1000	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB100SM	1000	1550nm	SMF	100km	LC	0 ~ +5	< -30	0 to 70° C
GB10SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB60SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	60km	LC	0 ~ +5	< -24	0 to 70° C
GB60SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	60km	LC	-2 ~ +4	< -25	0 to 70° C
GB80SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C
GB80SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C

CWDM and DWDM modules are also available. Call for details.

