

Fiber Optic Network Solution Specialized Company

Founded in 1996, SOLTECH Group is a Fiber optic company specializing in research and development, production and distribution of Fiber optic products, offering a variety of solutions.



As an innovative manufacturer based in South Korea, we design and produce advanced technological product that are ruggedized and following strict quality control policy based on ISO9001. Based on our solid engineering experience and technological skill, SOLTECH utilizes progressive research and development to provide the best solutions such as industrial Fiber Optic converters, industrial ethernet Switches and Fiber Optic Links with high quality.

In spite of rapidly changing business environments, we stand out as a leader in the implementation of advanced solutions with fiber optic data communication.

PoE Switches



SFC8000HP



SFC8000GHP



SFC503



SFC400HP



SFC4000HP



SFC450HP



SFC4500HP



SFC501G



SFC505HP



SFC516HP



SFC524HP

2.5Gigabit Industrial Optical Ring Switch

10/100/1000Mbps TP 8-Ports (PoE 802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots



- 10/100/1000Mbps TP 8-Ports (802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots
- Web based Management, Telnet, SSH, SNMP, RMON, Syslog
- Auto Scan Manager Program (Scan, IP Setting)
- STP (IEEE 802.1D) / RSTP (IEEE802.1w) /MSTP (IEEE802.1Q)
- S-Ring(Recovery time < 10ms), Dual-Ring
- Carrier Ethernet (ERPS)
- PMC support (IGMP/MLD)
- Priority Queue Support (8 Queue per port)

SFC8000HP

Specifications

Technology	Standard	IEEE 802.3/3u/3ab/3z 10Base-T / 100base-Tx and 100Base-Fx / 1000base-T / Gigabit Fiber IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1Q VLAN Tagging IEEE 802.3ad LACP
Interface	RJ45 Port	10/100/1000Mbps TP 8-Ports, Auto MDI/MDI-X, TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	Optical Port	100/1000/2.5 Gbps SFP Slot Multi mode : 50/125 μ m, 62.5/125 μ m, Single mode : 9/125 μ m
	LED Indicators	Per unit : Power, Power Input1, Power Input2, Fault/Alarm, Ring Master 1000Mbps TP port : Speed(Y 1000Mbps, Yellow), Link/Activity(Green), Mini-GBIC : Link/Activity(Green)
	Input/Output	2 Input, 2 Output
Performance	Back Plane	Switch Fabric 26Gbps
	MAC Address	8K MAC Address table
Operating Environment	Temperature	Operation: -40°C ~ 70°C, Storage: -40°C ~ 85°C, PoE full load : 40°C ~ 50°C
	Humidity	5 ~ 95% (Non-condensing)
Input Voltage	Power Supply	DC 54V, Polarity protection Circuit
	Connection	2 removable 2contact terminal blocks
	PoE	Max. PoE Output Power budget: 30W/Per port 240W for total PD's consumption(depending on power input)
Dimension	Installation Method	DIN-Rail, Panel mounting
		61mm(W) x 110mm(D) x 157mm(H), Aluminum Case, IP30

Ordering Information

Model Type	Description
SFC8000HP	10/100/1000Mbps TP 8-Ports (802.3at PoE) + 100/1000/2.5Gbps SFP 2-Slots
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-LXH	SFP(1.25Gbps)module, Single-mode, Transmission Distance 10km, 1310nm, LC Connector, -40°C~80°C

2.5Gbps S-RING Industrial PoE Ethernet Switch

10/100/1000Mbps TP 8-Ports(802.3at PoE) + 1G SFP 2-Slots + 2.5G SFP 2-Slots



- 10/100/1000Mbps TP 8-Ports (802.3at PoE) + 1Gbps SFP 2-Slots + 2.5Gbps SFP 2-Slots
- Web based Management, Telnet, SSH, SNMP, RMON, Syslog
- Auto Scan Manager Program (Scan, IP Setting)
- STP (IEEE 802.1D) / RSTP (IEEE802.1W) / MSTP (IEEE802.1Q)
- S-Ring (Recovery time < 10ms), Dual-Ring
- Carrier Ethernet (ERPS)
- PMC support (IGMP/MLD)
- Priority Queue Support (8 Queue per port)

SFC8000GHP

Specifications

Technology	Standard	IEEE 802.3/3u/3ab/3z 10Base-T / 100base-Tx and 100Base-Fx / 1000base-T / Gigabit Fiber IEEE 802.1w Rapid spanning tree protocol IEEE 802.1Q VLAN Tagging, IEEE 802.ad LACP
Interface	RJ45 Ports	10/100/1000Mbps TP 8-Ports, Auto MDI/MDI-X, TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	Fiber Ports	100/1000/2.5 Gbps SFP Slot Multi mode : 50/125 μ m, 62.5/125 μ m, Single mode : 9/125 μ m
	LED Indicators	Per unit : Power, Power Input 1, Power Input 2, Fault/Alarm, Ring Master 1000Mbps TP port : Speed (1000Mbps, Yellow), Link/Activity(Green), Mini-GBIC : Link/Activity(Green)
	Input / Output	2 input, 2 output
Performance	Back Plane	Switch Fabric 30Gbps
	Mac Address	8K MAC Address table
	Throughput	22.3Mpps
Operating Environment	Temperature	Operation: -40°C ~ 80°C, Storage: -40°C~ 85°C, PoE Full Load : 40°C ~ 50°C
	Humidity	5 ~ 95% (Non-condensing)
Input Voltage	Input Power	DC 54V, Polarity Protection Circuit
	Connection	2 removable 2 contact terminal blocks
	PoE	Max. PoE Output Power budget: 30W/Per port 240W for total PD's consumption (depending on power input)
Dimension	Installation Method	DIN-Rail, Panel mounting
	Dimension	61mm(W) x 110mm(D) x 157mm(H), Aluminum case, IP30

Ordering Information

Model Type	Description
SFC8000GHP	10/100/1000Mbps TP 8-Ports (802.3at PoE) + 1G SFP 2-Slots + 2.5G SFP 2-Slots
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-LXH	SFP(1.25Gbps) module, Single-mode, Transmission Distance 10km, 1310nm, - 40°C~80°C, LC Connector

PoE 10/100/1000Mbps 10-Ports Optical Switch

PoE 10/100/1000Mbps TP 8-Ports + SFP 2-Slots



- PoE 8-Ports + 100/1000Mbps 2-Slots SFP module
- IEEE 802.3at PoE 30.8W 8-Ports (Max 120W)
- Web based management, SNMP
- Auto MDI/MDI-X
- IGMP Snooping v1, v2, v3
- Auto Scan Manager Program

SFC400HP

Specifications

Technology	Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.1Q VLAN Tagging IEEE 802.1p Class of Service IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af Power over Ethernet	IEEE 802.3ad Port trunk with LACP IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3at Power over Ethernet IEEE 802.1w Rapid spanning tree IEEE 802.1d Spanning Tree
Interface	RJ45 Port	POE 10/100/1000Mbps TP 8-Ports, Auto-Negotiation, Auto MDI-X	
	Fiber Port	SFP 2-Slots 1000Mbps-SX/LX SFP, 100Mbps-FX SFP, Speed auto detection	
	LED Indication	System : Power Ports : 10/100/1000Mbps Link/Act, POE In-Use, SFP Link	
Performance	Back Plane	Switch Fabric 20Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes	
	PoE	PoE Power Budget: Max. 120Watt Number of PD@7Watt / 8Port Number of PD@15.4Watt / 7Port Number of PD@30.8Watt / 4Port	
Operating Environment	Temperature	Operating: 0°C ~ 60°C, Storage: -20°C ~ 80°C	
	Humidity	5 ~ 95% (Non-condensing)	
Power Supply		100~240VAC, 50/60Hz	
Dimension		330.5mm(W) x 153mm(D) x 44mm(H)	

Ordering Information

Model Type	Specification
SFC400HP	POE 10/100/1000Mbps TP 8-Ports + SFP 2-Slots, Management Gigabit PoE Optical Switch
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-MM	SFP(155Mbps) module, Multi-mode, Transmission Distance 2km, 1310nm, LC Connector
SFP-SM	SFP(155Mbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector

PoE 10/100/1000Mbps 24-Ports Optical Switch

PoE 10/100/1000Mbps TP 24-Ports + SFP 4-Slots (Combo Port : 23,24)



- 802.3at PoE 30.8W (Max. 380W)
- 10/100/1000Mbps TP 24-Ports (Combo Port:23,24)
- Web based Management, SNMP Management
- IGMP Snooping
- 24-Ports (PoE 802.3at) + SFP 4-Slots L2 Management Optical Hub
- IEEE 802.1p QoS, VoIP QoS
- IEEE802.3at Power over Ethernet / PSE
- Port Mirroring for Analysis of Network Errors and Traffics
- Network Security Optimization by IEEE 802.1 Q-in-Q
- IEEE 802.1x User Authentication for Network Security
- IEEE 802.1d & IEEE 802.1w Rapid Spanning Tree

Specifications

Technology	Standard	IEEE 802.3 10Base-T IEEE 802.1d Spanning tree protocol IEEE 802.1Q VLAN Tagging IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.1w Rapid Spanning tree protocol IEEE 802.3af Power over Ethernet	IEEE 802.3z Gigabit SX/LX IEEE 802.1s Multiple spanning tree protocol IEEE 802.1x Port Authentication Network Control IEEE 802.3ab Gigabit 1000T IEEE 802.1p Class of Service IEEE 802.3at Power over Ethernet
Interface	RJ45 Ports	PoE 10/100/1000Mbps TP 24-Port(Combo Port: 23,24), Auto-Negotiation, Auto MDI-X	
	Fiber Ports	SFP 4-Slots(Combo Port : 23,24) 1000Mbps-SX/LX SFP, 100Mbps-FX SFP, Speed auto detection	
	LED Indicators	System : Power Ports : 10/100/1000Mbps Link/Act, PoE In-Use, SFP Link	
Performance	Back Plane	Switch Fabric 52Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes	
	PoE	PoE Power Budget: Max. 380Watt Number of PD@7Watt / 24Port Number of PD@15.4Watt / 24Port Number of PD@30.8Watt / 12Port	
Operating Environment	Temperature	Operation: 0°C ~ 60°C, Storage: -20°C ~ 80°C	
	Humidity	5 ~ 95% (Non-condensing)	
Input Voltage		100~240VAC, 50/60Hz	
Dimension		440mm(W) x 300mm(D) x 44mm(H)	

Ordering Information

Model Name	Description
SFC4000HP	POE 10/100/1000Mbps TP 24-Ports + SFP 4-Slots (Combo Port : 23,24), Management Gigabit PoE Optical Switch
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-MM	SFP(155Mbps) module, Multi-mode, Transmission Distance 2km, 1310nm, LC Connector
SFP-SM	SFP(155Mbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector

1000Mbps 10-Ports Management PoE Switch

PoE 10/100/1000Mbps TP 8-Ports + 100/1000 Mbps SFP 2-Slots S-Ring



- S-Ring
- 802.3 at PoE 30.8 Watt(Max. 120Watt)
- TP 8-Ports + SFP 2-Slots Gigabit Ethernet Switch
- 20Gbps switch fabric, non-blocking switch architecture
- IEEE 802.3Q Tagged based/Port Based VLAN
- IGMP Snooping v1,v2,v3
- SNMP Trap (Cold start, Port Link, Power status)
- RSTP (Rapid Spanning Tree Protocol)
- ITU-T G.8032 ERPS
- 19"Rack mountable

Specifications

Technology	Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T IEEE 802.3ad Port trunk with LACP IEEE 802.1Q VLAN Tagging IEEE 802.1w Rapid Spanning Tree IEEE 802.1x Port Authentication Network Control IEEE802.3z Gigabit SX/LX IEEE 802.1p Class of Service IEEE 802.3x Flow Control and Back Pressure IEEE 802.1d Spanning Tree IEEE 802.3at Power Over Ethernet, IEEE 802.3af Power Over Ethernet
Interface	RJ45 Port	10/100/1000Mbps TP 8-Ports, TP/STP Cat. 3,4,5 Cable EIA/TIA-568 100-ohm(100m)
	Fiber Port	100/1000Mbps SFP 2-Slots, Multi mode : 62.5/125μm(220m), Single mode : 9/125μm(~100km)
	LED Indication	Power, Link/Act, PoE ON per port
Performance	Back Plane	Switch Fabric 20Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes
	Ring	S-Ring Support
	PoE	Number of PD@15.4Watt / 8-Ports Number of PD@30.8Watt / 4-Ports
Operating Environment	Temperature	Operating: 0°C ~ 60°C, Storage: -20°C ~ 80°C
	Humidity	5 ~ 95% (Non-condensing)
Power Supply		100~240VAC, 50/60Hz
Dimension		330.5mm(W) x 153mm(D) x 44mm(H), 1U

Ordering Information

Model Type	Specification
SFC450HP	PoE 10/100/1000Mbps TP 8-Ports + SFP 2-Slots S-Ring
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20Km, 1310nm, LC Connector
SFP-MM	SFP(155Mbps) module, Multi-mode, Transmission Distance 2km, 1310nm, LC Connector

PoE 10/100/1000Mbps 26-Ports Ring Switch

PoE 10/100/1000Mbps TP 24-Ports + SFP 4-Slots (Combo Port : 23,24), S-Ring



SFC4500HP

- Gigabit S-Ring (Recovery time <10ms)
- TP 24-Port + SFP 4-Slots (Combo Port : 23, 24)
- 802.3at PoE 30.8W (Max. 400W)
- Web based Management, SNMP Management
- IGMP Snooping
- IEEE 802.1p QoS, VoIP QoS
- Port Mirroring for Analysis of Network Errors and Traffics
- Network Security Optimization by IEEE 802.1 Q-in-Q
- IEEE 802.1x User Authentication for Network Security
- IEEE 802.1d & IEEE 802.1w Rapid Spanning Tree

Specifications

Technology	Standard	IEEE 802.3 10Base-T IEEE 802.1d Spanning Tree Protocol IEEE 802.1Q VLAN Tagging IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.3af Power over Ethernet	IEEE 802.3z Gigabit SX/LX IEEE 802.1s Multiple Spanning Tree Protocol IEEE 802.1x Port Authentication Network Control IEEE 802.3ab Gigabit 1000T IEEE 802.1p Class of Service IEEE 802.3at Power over Ethernet
Interface	RJ45 Ports	PoE 10/100/1000Mbps TP 24-Ports (Combo Port: 23,24), Auto-Negotiation, Auto MDI-X	
	Fiber Ports	SFP 4-Slots(Combo Port : 23,24) 1000Mbps-SX/LX SFP, 100Mbps-FX SFP, Speed Auto Detection	
	LED Indicators	System : Power Ports : 10/100/1000Mbps Link/Act, PoE In-Use, SFP Link	
Performance	Back Plane	Switch Fabric 52Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes	
	Ring	S-Ring Support	
	PoE	PoE Power Budget: Max. 400Watt Number of PD@7Watt / 24Port Number of PD@15.4Watt / 24Port Number of PD@30.8Watt / 12Port	
Operating Environment	Temperature	Operation: 0°C ~ 60°C, Storage: -20°C ~ 80°C	
	Humidity	5 ~ 95% (Non-condensing)	
Input Voltage		100~240VAC, 50/60Hz	
Dimension		440mm(W) x 360mm(D) x 44mm(H)	

Ordering Information

Model Type	Description
SFC4500HP	POE 10/100/1000Mbps TP 24-Ports + SFP 4-Slots(Combo Port : 23,24), PoE, S-Ring
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector
SFP-MM	SFP(155Mbps) module, Multi-mode, Transmission Distance 2km, 1310nm, LC Connector

PoE Gigabit Injector

PoE 10/100/1000Mbps TP 1-Port



SFC501G

- 1-Port PoE, Max. 60Watt
- Transmission Distance Max. 100m
- 220VAC Power built-in
- Overcurrent Protection Circuit built-in

Specifications

Technology	Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3af Power Over Ethernet IEEE 802.3at Power Over Ethernet
Interface	Data Input Port	10/100/1000Mbps TP 1-Port
	PoE output port	10/100/1000Mbps TP 1-Port
Performance	PoE	Max. 60Watt
	Power Pin	Midspan +(1,2)(4,5), - (7,8)(3,6)
	LED Indicator	System: Power x 1 (green) PoE Port: Active, PoE ready-in-use x 1 (green)
	PoE Power Output	48V ~ 56V
Operating Environment	Temperature	Operating: 0°C ~ 40°C, Storage: -40°C ~ 70°C
	Humidity	10 ~ 95% (Non-condensing)
Power Supply		100~240VAC, 50/60Hz
Dimension		62.5mm(W) x 138.5mm(D) x 31.8mm(H)
Weight		182g

Ordering Information

Model Type	Specification
SFC501G	POE 10/100/1000Mbps TP 1-Port, 60Watt, PoE Injector

PoE 10/100 5-Ports Optical Switch

10/100Mbps TP 5-Ports (PoE 802.3at 4-Ports)



SFC505HP

- 10/100Mbps TP 5-Ports (PoE 802.3at 4-Ports)
- IEEE 802.3at PoE 30.8W 2-Ports (Max. 60W)
- 4-Ports 15.4W simultaneous, 2-Port 30.8W simultaneous
- 100~240VAC Input Power

Specifications

Technology	Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3af, IEEE 802.3at
Interface	RJ45 Port	10/100Mbps TP 5-Ports Auto-Negotiation, Auto MDI-X TP/STP Cat. 3,4,5 Cable EIA/TIA-568 100-ohm(100m)
	LED Indication	System : Power Ports : FD, Link/Act, Speed, POE
Performance	Back Plane	Switch Fabric 52Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes
	PoE	POE Power Budget: Max. 60Watt Number of PD@15.4Watt /4Port Number of PD@30.8Watt /2Port
Operating Environment	Temperature	Operating: 0°C ~ 60°C Storage: -20°C ~80°C
	Humidity	5 ~ 95% (Non-condensing)
Power Supply		100~240VAC, 50/60Hz
Dimension		185mm(W) x 123mm(D) x 44mm(H)

Ordering Information

Model Type	Specification
SFC505HP	PoE 10/100Mbps TP 5-Ports(PoE 802.3at 4-Ports)

PoE 16-Ports Gigabit Optical Switch

POE 10/100/1000Mbps TP 16-Ports + SFP 2-Slots (PoE 802,3at)



- 802.3af/at POE (Max. 260Watt)
- 10/100/1000Mbps TP 16-Ports
- FULL – duplex mode IEEE802.3x flow control
- 9216 bytes jumbo frame packet wire transmission
- 1000Mbps SFP 2-Slots

SFC516HP

Specifications

Technology	Standard	IEEE 802.3 10Base-T IEEE 802.3 10Base –TX IEEE 802.3ab 1000Base-T IEEE 802.3af, IEEE802.3at
Interface	RJ45 Port	10/100/1000Mbps TP 16-Ports Auto-Negotiation, Auto MDI-X TP/STP Cat. 3,4,5 Cable EIA/TIA – 568 100-ohm(100m)
	SFP Slots	SFP 2-Slots 1000Mbps-SX/LX SFP
	LED Indication	Power, FD, Link/Act, Speed, PoE
Performance	PoE	POE Power Budget: Max. 260Watt Number of PD@30.8Watt / 8Port Number of PD@15.4Watt / 16Port
Operating Environment	Temperature	Operating: 0°C ~ 60°C, Storage: -20°C ~ 80°C
	Humidity	5 ~ 95% (Non-condensing)
Power Supply		100~240VAC, 50/60Hz
Dimension		440mm(W) x 205mm(D) x 44mm(H)

Ordering Information

Model Type	Specification
SFC516HP	10/100/1000Mbps TP 16포트(PoE 802.3at) + SFP 2-Slots
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m 850m, LC Connector
SFP-LX	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20km, 1310nm, LC Connector

PoE 24-Ports Gigabit Optical Switch

PoE 10/100/1000Mbps TP 24-Ports + SFP 2-Slots



- 10/100/1000Mbps TP 24-Ports PoE (802.3at)
- IEEE 802.3at PoE 15.4W 24-Ports (Max. 380W)
- 24-Ports 15.4W simultaneous, 12-Ports 30.8W simultaneous
- 19"Rack mountable
- 100~240VAC Input Power
- 8K MAC Address
- Full-duplex mode IEEE802.3x flow control
- 9216 bytes jumbo frame packet wireless transmission
- 1000Mbps SFP 2-Slots

Specifications

Technology	Standard	IEEE 802.3 10Base-Tx IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3ab Gigabit 1000T IEEE 802.3at Power over Ethernet IEEE 802.3af Power over Ethernet
Interface	RJ45 Port	10/100/1000Base-T(X) Auto-negotiation, Auto MDI-X UTP/STP Cat. 3,4,5 Cable EIA/TIA-568 100-ohm(100m)
	Fiber Port	SFP 2-Slots, 1000Base-SX/LX SFP
	LED Indication	Power, FD, Link/Act, Speed, PoE
Performance	Back Plane	Switch Fabric 52Gbps, 8K MAC Address table, Jumbo Frame 9.6Kbytes
	PoE	12-Ports : 30.8watt 24-Ports : 15.4watt Max. 380watt
Operating Environment	Temperature	Operating: 0°C ~ 45°C, Storage: -40°C ~ 70°C
	Humidity	10 ~ 90% (Non-condensing)
Power Supply		100~240VAC, 50/60Hz, 400W internal power
Dimension		440mm(W) x 208mm(D) x 44mm(H)

Ordering Information

Model Type	Specification
SFC524HP	10/100/1000Mbps TP 24-Ports PoE(802.3at) + SFP 2-Slots
SFP-SX	SFP(1.25Gbps) module, Multi-mode, Transmission Distance 220/550m, 850nm, LC Connector
SFP-LX20	SFP(1.25Gbps) module, Single-mode, Transmission Distance 20Km, 1310nm, LC Connector